

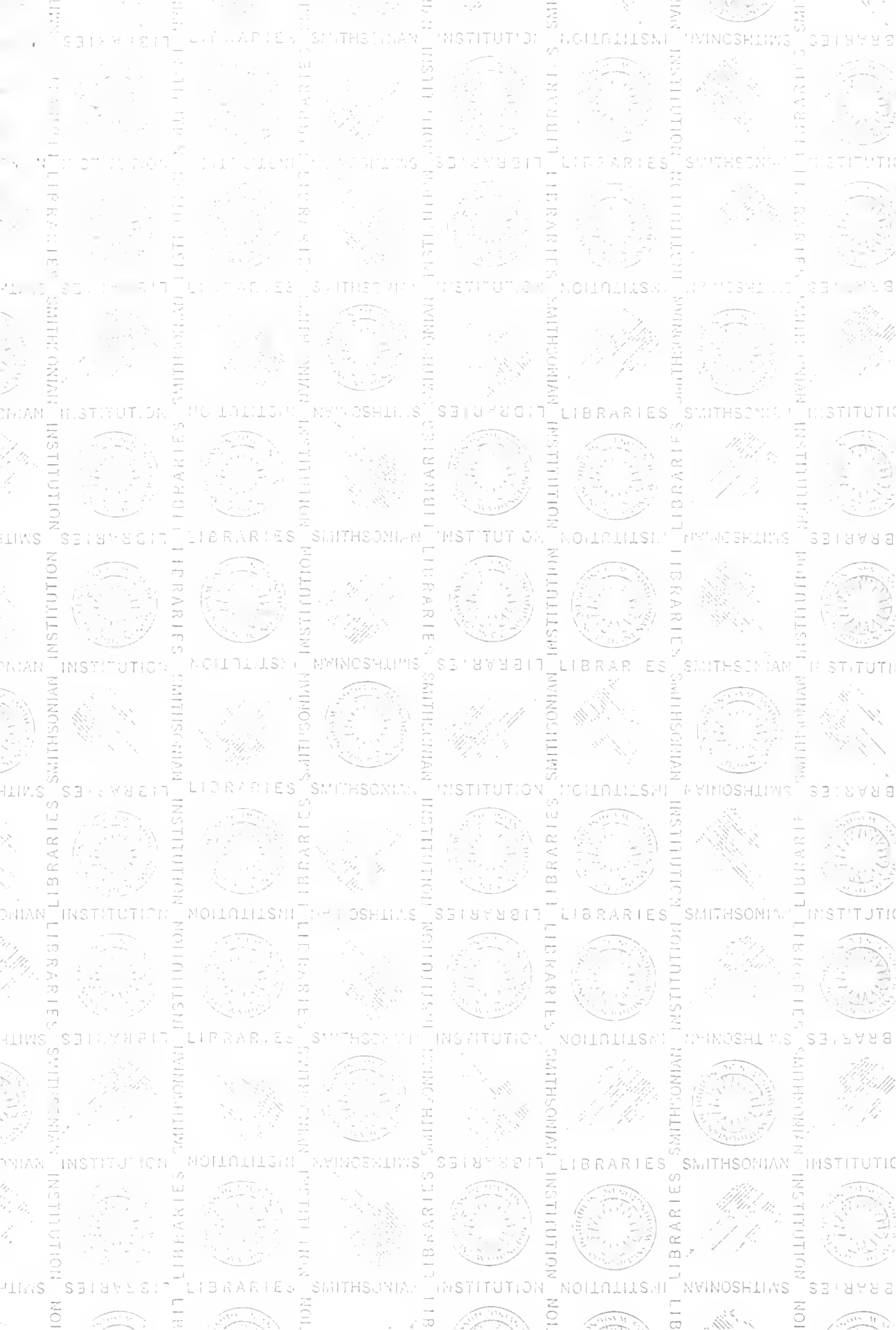
QL

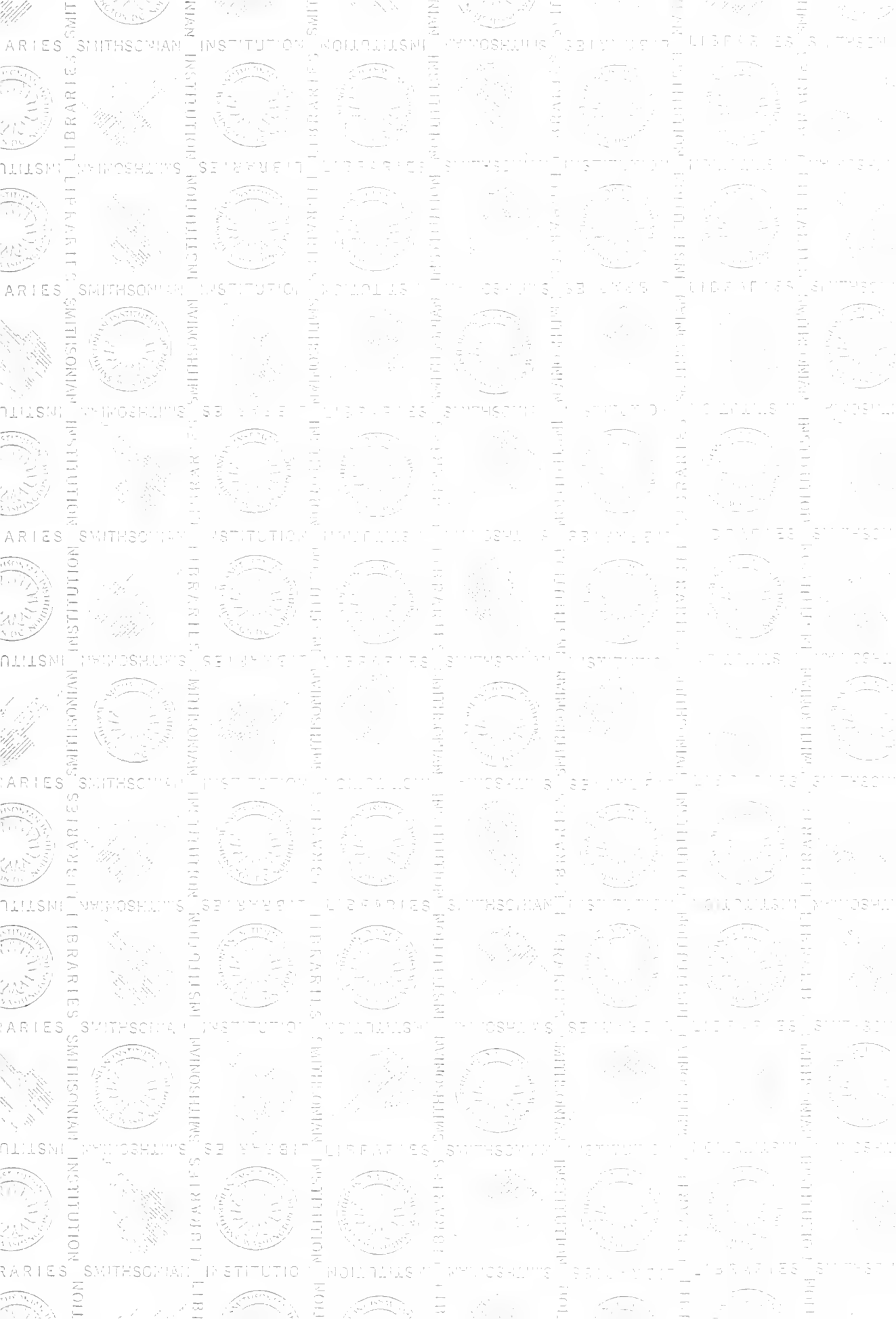
587

656

SOPAL. 5

ENT





FIFTH SUPPLEMENT
1939 to 1947 (inclusive)

TO

THE LENG CATALOGUE

OF

COLEOPTERA

OF

AMERICA, NORTH OF MEXICO

By

RICHARD E. AND RUTH M. BLACKWELDER

MOUNT VERNON, N. Y.
JOHN D. SHERMAN, JR.
OCTOBER
1948

UNITED STATES
DEPARTMENT OF AGRICULTURE
LIBRARY



BOOK NUMBER

W.T.

FIFTH SUPPLEMENT
1939 to 1947 (inclusive)

TO

THE LENG CATALOGUE

OF

COLEOPTERA

OF

AMERICA, NORTH OF MEXICO

By
RICHARD E. AND RUTH M. BLACKWELDER
U. S. National Museum

MOUNT VERNON, N. Y.
JOHN D. SHERMAN, JR.
OCTOBER
1948



COPYRIGHT, 1948

By

JOHN D. SHERMAN, JR.

MOUNT VERNON

NEW YORK

PRINTED IN THE UNITED STATES OF AMERICA
BY THE LANE PRESS, BURLINGTON, VERMONT

INTRODUCTION

This fifth supplement to the Leng Catalog of North American Coleoptera is offered by the compilers and by the publisher in lieu of the much desired new catalog. Many difficulties have continued to make it impossible to prepare a new edition of the catalog, and it is hoped that another supplement will be of some help in bringing the old catalog up to date.

The form of the fifth supplement is the same as that of the fourth. The remarks in the Introduction to the Fourth Supplement apply equally here. A list of signs and abbreviations appears on page 6 of the Fourth Supplement.

Grateful acknowledgment is made to more than 150 coleopterists who have checked preliminary lists of their publications and to the many who have sent in corrections and manuscript notes for inclusion in the text.

SIGNS AND ABBREVIATIONS

- indicates a revision of the genus (or other group).
- *** indicates the end of a revision or of a subgenus.
- | before locality indicates that it applies to line above.
- ! indicates a preoccupied name.
- a. aberration.
- f. form.
- r. race.
- s. subspecies.
- v. variety.

FIFTH SUPPLEMENT TO THE CATALOGUE OF COLEOPTERA OF AMERICA, NORTH OF MEXICO

ADDITIONS AND CORRECTIONS TO DECEMBER 31, 1947

CICINDELIDÆ

Amblycheila			<i>s. nigripennis</i> Roesch. 07-165 ⁸	Ore.
<i>schwarzi</i> W. Horn 03-196	Cal. ¹		<i>s. longipes</i> Csy. 97-339 ⁸	Cal.
Omus			<i>s. velutinus</i> Mén. 44-53 ⁸	Cal.
<i>subcylindricus</i> Nunen. 40-143	Cal.		BRENNUS Mots. 65-311 ⁸	
<i>vanlooi</i> Nunen. 40-144	Cal.		<i>johnsoni</i> VanD. 24-3 ⁸	Wash.
Cicindela			NEOCYCHRUS Roeschke 07-117 ⁹	
<i>formosa</i> Say			<i>angulatus</i> (Harris) 39-200 ⁸	Ore. Wash.
<i>v. manitoba</i> Leng	Sask. ²		<i>s. maritimus</i> VanD. 24-506 ⁸	Wash.
<i>gibsoni</i> Brown 40-182 ³			<i>behrensi</i> Roesch. 07-124 ⁸	Cal.
<i>tranquebarica</i> Hbst.			<i>s. malkini</i> VanD. 44-13	Ore.
<i>s. propinqua</i> Knaus 22-194 ⁴	Nev. Cal.		<i>longiceps</i> VanD. 24-5 ⁸	Cal.
<i>s. inyo</i> Fall 17-106 ⁵	Cal.			
<i>s. owena</i> Fall 17-106 ⁵	Cal.			
<i>oregona</i> Lec.				
<i>s. navajoensis</i> VanD. 47-155	Ariz.			
<i>willistoni</i> Lec.				
<i>s. amargosa</i> Dahl 39-221	Nev. ⁶ Cal.			
<i>abdominalis</i> Fab.				
<i>v. floridana</i> Cartw. 39-364	Fla.			
<i>nevadica</i> Lec.				
<i>s. tulensis</i> Cazier 39-23	N. M. ⁷ Ariz.			
<i>alleni</i> Cazier 39-24	Tex.			
<i>theatina</i> Rotger 44-76	Colo.			

CARABIDÆ

Scaphinotus

STENOCANTHARIS Gistel 57-92 ⁸

angusticollis (Mannh.) 24-46 w. N. A.
s. olympiæ VanD. 44-5 Wash.

¹ Cazier—39.

² Brown—40.

³ Dahl—42.

⁴ Previously listed as var. of *denverensis*; Cazier—39.

⁵ Previously listed as var. of *vibex*; Cazier—39.

⁶ Dahl—40.

Carabus ⁹

TITANOCARABUS Breun. 33-729 ⁸
truncaticollis Esch. 33-22
lutshnikianus Basil. 37-63 ⁸
alaskensis Basil. 37-63 ⁸
ARCHICARABUS Seidl. 87-6 ⁸
tædatus Fab. 87-196 ¹⁰
gladiator Mots. 65-285 ⁸
canadicus Roeschke 00-68 ⁸
canadensis Lapouge 08-19 ⁸
bicanaliceps Csy. 20-154 ⁸
s. tædatus (s. str.) Alas.
baccivorus Fisch. 20-87 ⁸
seriatus Wied. 21-109 ⁸
s. vancouvericus Csiki 27-286 ¹¹ Wash.
bicolor Walk. 66-313 ⁸ ¹¹ [Alas.
s. rainieri VanD. 44-108 Wash.
s. franciscanus Csy. 13-58 Cal.
s. oregonensis Lec. 54-16 B. C. - Ariz.
montanicus Csy. 13-58 ⁸
stocktoniensis VanD. 44-111
stocktonensis Csy. 20-155 ⁸
s. agassii Lec. 50-209 Alb. - Mont.
agassii VanD. 44-112

⁷ Rotger—44.

⁸ Van Dyke—44.

⁹ Key to species, Van Dyke—44.

¹⁰ Key to subspecies, Van Dyke—44.

¹¹ Placed as synonym of *tædatus* by Pratt—40.

- s. patulicollis* Cs., 13-57 Colo.
coloradensis Breun., 33-719⁸
TANAOCARABUS Rut., 96-135⁸
sylosus Say, 25-75
s. sylosus (s.str.) Mass.-Ala., Mo.
s. thermimeni Dej., 26-151 N.A.
s. fimbriatus Hald., 52-373 Okla., Tex.
lecontei Csy., 13-57⁸
caseyi Ang., 11-75⁸
forsteri Bates, 82-320 Ariz., Mex.
towsoni Csy., 65-160⁸
HEMICARABUS Gohl., 85-118⁸
serratus Say, 25-77 Nfld., G.A., Man., N.M.
s. serratus (s.str.)
lineatopunctatus Dej., 26-77⁸
ligatus Kby., 37-18 (not Germ.)⁸
canadensis Lec., 53-10⁸
s. statum Mots., 65-293 Newf.-Me.-B.C.
s. vergusensis Csy., 13-59 N.M.
vagusensis VanD., 44-122
LICHNOCARABUS Rut., 96-161⁸
limbatus Say, 25-71
goryi Dej., 31-511⁸
vinctus Weber, 61-12
s. vinctus (s.str.) Can.-Ga.
ligatus Germ., 24-6⁸
interruptus Say, 25-76⁸
carinatus Dej., 26-79⁸
s. georgae Csiki, 27-185 Ga.-Fla.
CARABUS (s.str.)⁸
granulatus L., 58-113 N.S.-Mass.-B.C.
 [Eur.]
- Calosoma**
*(Callisthenes auct., not Fisch.)*¹²
lariversi VanD., 43-47 Nev.
zimmermanni Lec., 49-445
zimmermanni VanD., 43-49
s. tahoensis VanD., 43-48 Cal.
- Elaphrus**
torreyensis Tanner, 41-137 Utah
- Blethisa**
catenaria Brown, 41-4 Man.
- Nebria**
coloradensis VanD., 43-49 Colo.
ziom VanD., 43-20 Utah
 * **NEONEBRIA** Hatch, 39-46¹³
*(Nebria of Ganglb., not Latr.)*¹³
hudsonica Lec., 63-3 Sask.-N.M.-Wash.-
 [Y.T.]
vandykei Bänn., 28-5 Ore.
trifaria VanD., in part¹³
gebleri Dej., 31-573 Alb., Mont., Ida., Ore.
meanyi VanD., 25-118 Wash.
metallica Fisch., 21-71 Alas.-Wash.-Mont.
schwarzi VanD., 25-116 Alb.
piperi VanD., 25-117 B.C., Wash.
purpurata Lec., 78-477 Mont., Ida.
labradorica Csy., 20-151 Alb., Mont., B.C.
crassicornis VanD., 25-121 Wash.
bitana Mannh., 53-128 Alas.-MacK., Sib.
- viridis* Horn, 70-101 Ala.¹³ Wash.¹³ Y.T.¹³
v. parvula Sahlb., 87-47¹³ Ore., Alas., Sib.
v. redheta Csy., 20-150¹³ Alas.
virescens Horn, 70-100 Ore., Ida., Cal.
boylei Csy., 13-55¹³
sahlbergi Fisch., 21-254 Colo., L.Sup.
gregaria Fisch., 21-72 Alas.
identia VanD., 21-5 Alas.
mannerheimi Fisch., 21-253 Ore.
eschscholtzi Men., 44-55 Cal., B.C.
tenipes Csy., 13-51¹³
transversa Csy., 20-152¹³
hippisteyi Csy., 24-21¹³
formalis Csy., 20-153¹³
diversa Lec., 63-2 Cal., B.C.
obtusa Lec., 78-478 Wash., Alb., Mont.
NEBRIOLA Dan.¹³ [Colo.]
kincaidi Schw., 60-525 Alas., Ore.
parachlori Darl., 31-24 B.C., Ore.
columbiana VanD., 26-9¹⁴
- Dyschirius**
arizonae VanD., 43-22 Ariz.
- Bembidion**
roosevelti Pic., 62-71 Cal.
blaisdelli Csy., 18-222¹⁴
concinnum Blais., 62-78¹⁴
perconcinnum Blais., 64-319¹⁴
nebraskense Lec., 63-49¹³
- Tachyura**
barnesi Stehr, 46-284 Ohio
- Stomis** Schell., 66-46
purpureus (Panz.), 95-60 Que.¹⁵
- Trechus**
humboldti VanD., 45-101 Cal.
- Feronia** Latr., 17-191¹⁵
Pterostichus Bon., 69-246¹⁵
Pterostichus Lins. & Mich., 43-75
 * **FERONINA** Csy., 18-365¹⁷
humidula VanD., 43-23 Wash., Ore.
pacificus VanD., 26-114
 (not Poggius, 1906)
lanai VanD., 25-76 Wash., Ida.
palmi Schffr., 10-393 N.C.
CRYBIUS Chaud., 38-11¹⁶
blaisdelli VanD., 43-24 Alas.
 * * *
ater Lec.¹⁹ Cal.
- Evarthrus** Lec., 52-225²⁰
 * **ANAFERONIA** Csy., 18-341²⁰
constrictus (Say), 23-447 Kan., Ark.
v. ovipennis Lec., 48-345²⁰ N.M., Mex.
 [CYCLOTRACHELUS Chaud.,
 [38-27]²⁰
 [Batesellus Csiki, 30-671 C.A.]
[constrictus] Bates, 82-801²⁰
EUMOLOPS Csy., 18-350²⁰
heros (Say), 23-445 Ark., Tex.
gigas Csy., 18-350²⁰

⁸ Van Dyke - 44.¹² All American species transferred to *Calosoma*,
 by Van Dyke - 43.¹³ Hatch - 39.¹⁴ Csiki - 28.¹⁵ Darlington - 40.¹⁶ Van Dyke - 43.¹⁷ Revision of subgenus, Van Dyke - 43.¹⁸ Should be replaced by *Platysma* Sum., 19-151,
 Hatch - 39.¹⁹ Linsley & Michener, 43; apparently refers to
Holciophorus ater Dej.²⁰ Revision of genus, Van Dyke - 43.

- FERESTRIA Leng 15-576 ²⁰
 taurus VanD. 43-25 Fla.
 hernandensis VanD. 43-26 Fla.
Loxandrus
 duryi Wright 39-257 Ohio

Amara

- AMARA s.str.
 familiaris Duft. 12-119
familia Malkin 41-284
 ACRODON Zimm. 32-40
 exlinæ Minsk & Hatch 39-215 Wash.
 PSEUDOTRIENA Minsk. &
 [Hatch 39-216
 glabrata M. & H. 39-217 Wash.
 alaxnoquia M. & H. 39-217 Wash.
 atrichata M. & H. 39-217 Utah
 ZEIEA Csiki 29-104
 kincaidi M. & H. 39-217 Wash.

Rhadine

- ozarkensis Sandn. & Mill. 41-39 Ark.

AGONINI ^{20a}**Agonum**

- PSEUDANCHUS Csy.
 bjorkmanæ Gray & Hatch 41-16 Wash.
 PUNCTAGONUM Gray 37-311
 belleri Hatch 33-120
 EUOPHILUS Chaud.
 lanellum Gray 37-310 Wash.
 RHADINE Lec.
 lanei Gray 37-310 Wash.
 balesi Gray 37-310 Wash.
 * * *

Zuphium

- americanum Dej. 31-298 Mich. Kan. La.
 [Ore.] ²¹

Zacotus

- fredericki Nunen. 41-12 Ore.

Stenomorphus

- rossi VanD. 43-29 Ariz.

Aeupalpus

- meridianus L. Eur. Wash. ²²

Pseudomorpha

- parallela VanD. 43-30 Cal.

OMOPHRONIDÆ**Omophron** Latr. 04-278

- (*Homophron* Fisch. 28-256) ²³
 tanneri (Chandl.) 41-100 Utah
 s.proximum (Chandl.) 41-102 Utah

HALIPLIDÆ ²⁴**Apteraliplus** Chandl. 43-154

- parvulus Rbts. 13-94 ²⁵ Cal.

Haliphus

- concolor Lec. (not concolor) ²⁶
 falli Mank 40-57 Man.
 HALIPLUS s.str.
 wallisi Hatch 44-45 Wash.

DYTISCIDÆ**Canthydrus**

- bicolor (Say) 31-5 (not 34-446) ²⁹

Laccophilus

- decipiens
truncatus Mannh. 53-160 (not 53-
 [68]) ²⁶
 horni Vd.Br. 85-21 (not 84-21) ²⁶
 biguttatus Kby. 37-69
inconspicuus Fall 17-164 ²⁷
 shermani Leech 44-4 Ariz. Tex.

Bidessus

- 4-pustulatus Fall 17-166 (not 17-167) ²⁶
 rogersi Young 41-29 Fla.
 falli Young 40-30 Fla.

Bidessonotus Reg. 95-331 ²⁸

- * longovalis (Blatch.) 19-310 ²⁹ Fla.
 inconspicuus (Lec.) 55-294 ²⁹ La. Fla.
 pulicarius (Aube) 38-494 ²⁹ Ind. Fla.
subsericeus (Blatch.) 19-311 ²⁹

Hygrotus

- CCELAMBUS Thoms. 60-13 ²⁷
 masculinus Cr. B.C. ³⁰
 impressopunctatus (Sch.)
 v lineellus (Gyll.) 08-529 (not Gellerman
 medialis (Lec.) [28-64]) ²⁶
infactus Clark 62-180 ²⁷
 sayi B.B. 44-347
punctatus Say 24-271 ²⁷
 * * *

- fraternus Lec. 52-209 L. Cal. ³¹

Deronectes

- pulcher (Mots.) 59-163 (not 59-363) ²⁶
 spenceri Leech 45-105 B.C.
 titulus Leech 45-106 Tex.
 grammicus Shp. 87-754 Mex. N.M. ³²
 dolerosus Leech 45-109 Cal.
 addenda Cr. 73-393 L. Cal. ³¹
 funerea Cr. 73-392 L. Cal. ³¹

Hydroporus

- rossi Leech 41-129 Cal.
 bidessoides Leech 41-130 Cal.
 transpunctatus Chandl. 41-103 Utah
 floridanus Young 40-198 Fla.
 HYDROPORUS s.str.
 mannerheimi B.B. 44-349
humeralis Aubé 38-578 ²⁷
 superioris B.B. 44-349
sericeus Lec. 50-214 ²⁷
 OREODYTES Seidl. 87-57
 productotruncatus Hatch 44-46 B.C.

²⁶ Leech in litt.

²⁷ Balfour-Browne—44.

²⁸ Revision, Balfour-Browne—47.

²⁹ Transferred from Bidessus, Balfour-Browne—47.

³⁰ Lac la Hache, British Columbia; Leech in litt.

³¹ Leech—44.

³² Leech—45.

^{20a} Key to Washington genera and subgenera, Gray—37 and Gray & Hatch—41.

²¹ Malkin—43.

²² Hatch—46.

²³ Used by Chandler—41.

²⁴ Key to genera, Chandler—43.

²⁵ Transferred from Brychius, Chandler—43.

AGABINI³³Agabus³⁴

ERIGLENUS Thon. 60-55

Agapator Sem. 99-512³⁷

- erichsoni G. & H. Mont.⁴²
confertus Mank 34-75⁴²
 confertus Lec. Idia.⁴²
 neotris Leech 42-133 Alb. Mont. B.C.
obliteratus Hatch 33-10 (part)⁴²
 strigulosus (Cr.) Mont.⁴²
obliteratus Hatch 33-10 (part)⁴²
 hoppingi Leech 42-135 Cal.
 oblitteratus Lec.³⁵ Colo. Utah. Nev. Cal.
 regularis Lec. 52-203 L. Cal.⁴¹
 bjorkmanii Hatch 39-104 Alb. B.C. Ore.
rectus Lec. 69-375³⁶
 cordatus Lec. N.M. Ariz.-Mont. Wash.³⁶
 seriatus Say 23-97
striatus Aubé 38-305³⁷
arctus Melsh. 44-27³⁷
parallelus Lec. 50-213³⁷
 s.seriatus s.str.
 s.intersectus Cr. 73-419³⁷
 lutosus Lec. 53-31 (not Crotch, 1873)³⁷
discolor Lec. 52-204³⁷
 (not Harris, 1828)
lecontei Cr. 73-417³⁷
 s.lutosus s.str.³⁷ Cal.-B.C.-Nev.
 s.minus Leech 42-132 Wash. B.C.
 pandurus Leech 42-128 Cal.
brevicollis Shp. 82-503
 (not Leconte, 1857)
 vandykei Leech 42-129 Cal.
 aruginosus Aubé 38-298
dispositus Guignot 36-186³⁸
 elongatus Gyll. 27-381 Yukon
bryanti Carr 30-278³⁹
 antennatus Leech 39-217
clavatus Lec. 59-4³⁹
 (not Latreille, 1804)
 moestus Curt. 35-lx
nigripalpis Sahlb. 80-56³⁹
borealis Shp. 82-513³⁹
 erichsoni G. & H. 68-454
nigro-aneus Er. 37-157³⁹
 (not Marshall 02-128)
 velox Leech 39-219 Man.
 clavicornis Shp. 82-536
versus Brown 31-115^{26a}

Gaurodytes⁴⁰Laccornis des Gozis 14-111⁴¹Agaporus Zimm. 19-147⁴²

- pacificus (Leech) 40-123 B.C.
 conoidens (Leech) 50-216⁴⁴ Mass.-Wis. Can.

²⁶ Leech in litt.^{26a} J. Balfour-Browne—47.²⁷ Balfour-Browne—44.³¹ Leech—44.³² Leech—45.⁴¹ Key to genera, Leech—42.⁴¹ Classification of subgenera, Guignot—36.⁴⁵ Restricted by Leech—42.³⁶ Hatch—39.³⁷ Leech—42.³⁸ Guignot in litt., Leech—42.³⁹ Leech—39.⁴⁰ Revision of palearctic subgenera and species,

Zimmermann—34.

⁴¹ Key to species, Leech—40.

- latens (Fall) 37-10 Mass. N.Y. N.H. Que.
 difformis (Leech) 55-298⁴³ Mass.-Ga.-Ind.
 deltoides (Fall) 23-123 Ill.

Hybiosoma^{43a}

regularis (Leech)

oblongum (Mots.) 59-169 (not 59-
[369])²⁶Hybius Er. 32-34⁴⁴

- churchillensis Wallis 39-195 Man.
 [later Degeer not N.A.]⁴⁴

Copelatus

chevrolati Aubé 38-389 L. Cal.³¹Matus⁴⁵

- ovatus Leech 41-79 Mass.-Md.-Ill.-Ont.
 sblatchleyi Leech 41-82 Fla. Ga. Ala.

Neoscutopterus B-B. 43-172

* angustus (Leech)⁴⁶horni (Cr.)⁴⁶

Dytiscus

- ooligobucki Kby. 37-74
alaskanus B-B. 44-356^{26a}
parvulus Mots. 52-77^{26a, 27}

Hydaticus

limarginatus Say 31-5 L. Cal.³¹

Thermonectus Dej. 33-53

- Thermonectus* Dej. 36-61⁴⁷
Thermonectus Melsh. 44-26
Thermonectes Cr. 73-402
 basillaris Harris 29-1 (not basillaris 29-8)³¹

Graphoderus Dej. 33-54^{48, 49}

- fasciaticollis Harris 28-156⁵⁰
cinereus of authors (not L.)⁵⁰
 perplexus Shp. 82-695⁵⁰
clatus Shp.⁵⁰
cinereus Horn (not L.)⁵⁰
zonatus of authors (not Hoppe)⁵⁰
 cinereus (L.)
fasciicollis (Harris) 28-156⁵¹
fasciaticollis of authors⁵¹

GYRINIDÆ

Enhydrinae⁵⁴DINEUTINI⁵⁴

Dineutus MacLeay 25-30

(Dineutes of authors)^{12, 52}solitarius Aubé 38-780 Cal.⁴² C.A.⁵³⁴² Leech—40.⁴³ Transferred from Hydroporus, Leech—40.^{43a} Treated as subgenus of Agabus by Guignot—36.⁴⁴ Key to species, Wallis—39.⁴⁵ Key to species, Leech—41.⁴⁶ Transferred from Scutopterus, Balfour-Browne—43.⁴⁷ Considered the proper form by Leech—41.⁴⁸ Credited to Aubé 38-156 by Wallis—39.⁴⁹ Key to species, Wallis—39.⁵⁰ Wallis—39.⁵¹ Leech in litt.⁵² This spelling used by Balfour-Browne—45.⁵³ Blackwelder—44.⁵⁴ Generic revision, Balfour-Browne—45.

- americanus Say 23-107 (not 26-107)⁵¹
 emarginatus Say 23-108 (not 26-108)⁵¹
 s.floridensis Ochs 29-125 Fla.
 s.mutchei Ochs 24-3 Bahamas
 CYCLINUS Kby. 37-78⁵⁴
 americanus (L.) 88-?
 assimilis (Kby.) 37-78⁵⁴

Gyrininae⁵⁴**Gyrinus**

- GYRINULUS Zaitzev 07-238⁵⁴
 minutus F.
 OREOGYRINUS Ochs 35-124⁵⁴
 parvus Say * * *
 limbatus Say 23-109 (not 25-109)⁵¹
 plicifer Lec.
 ?lateralis Aubé 38-673 (not 38-773)⁵¹
 analis Say 23-108 (not 25-108)⁵¹
 opacus
 v.blairi Omer-Cooper (not Omar
 [Cooper]⁵¹
 pectoralis Lec. 68-370 B.C.⁵⁵
 floridensis Ochs 29-123⁵¹ Fla.

Orectochilinae⁵⁴**Gyretes**

- iricolor Young 47-31 Fla.

HYDROPHILIDÆ**Ochthebius**

- insulanus Brown 31-116 Vanc.I. B.C.⁵¹
 interruptus Lec. 52-210 (not 51-21)⁵¹
 [L. Cal.⁵¹

Hydraena

- needhami (d' Orch.) 29-79⁵⁶ N.Y.

Helophorus

- inquinatus Mannh. 52-343 (not 52-243)⁵¹
 lecontei Knisch 24-88 Cal. L.Cal.⁵⁷
 obscurus Lec. 51-210⁵⁷
 needhami d'Orch.⁵⁸

Epimetopus

- thermarum S. & B. 18-130 (not 17-130)⁵¹

Hydrochus Leach 17-90 (not 17-190)⁵¹**Hemiosus**

- exilis Lec.⁵⁹

Berosus⁶⁰

- exilis Lec.⁶¹
 moriens Shp. Tex.⁶²

Hydrophilus

- castus Say 31-170 (not 35-170)⁵¹

⁵⁵ Leech—42.⁵⁶ Transferred from Helophorus, Leech in litt.⁵⁷ Leech—44.⁵⁸ In error, see Hydraena; Leech in litt.⁵⁹ Belongs in Berosus, Leech—43.⁶⁰ Synonymy in 4th suppl. from d'Orch.—33 (not —34), Leech in litt.⁶¹ Transferred in error to Hemiosus, Leech—43.⁶² Leech—43.**Tropisternus**

- PRISTOTERNUS d'Orch. 36-311
 (Cyphostethus d'Orch. 19-160)⁶³
 quadristriatus (Lec.) 71-331^{65 66} N.A.
 glaber Dej.⁶⁴
 sublaevis (Lec.) 55-368 Mass.
 xanthopus Shp. 82-59⁶⁴
 glaber (Hbst.) 97-298 Ill.Can.
 sublaevis d'Orch. 22-15⁶⁴
 natator d'Orch. 38-436 (N.A.)
 glaber (Lec.) (not Hbst.)⁶⁴
 glaber (Shp.) (not Hbst.)⁶⁴
 modestus d'Orch. 38-437 N.Y. N.J. Tex.
 salsamentus Fall 01-214 Cal.
 californicus Mots. 59-175^{67 68}
 (not Leconte, 1855)
 orvus Leech 45-183 Nev.Cal.Ore.
 californicus (Lec.) 55-367 Cal.-B.C.
 caligans d'Orch. 41-3⁶⁸
 columbianus Brown 31-117⁶⁹
 californicus d'Orch. 41-2⁶⁸

Crenitis

- maculifrons Brown 40-183 B.C.

Enochrus⁶⁰

- consortus Green 46-61 Mass.-N.J.-Ill.-
 (Minn.

Chaetarthria Steph. 33-22 (not 32-401)⁵⁷**Phaenonotum**

- exstriatus Say 35-171 Md.-Fla.-Ind.-Tex.
 estriatum Lec. 53-36⁵⁷

Sphaeridium Fab.

- * SPHÆRIDIDIUM s.str.
 lunatum F. N.Y.-Colo.-B.C.⁷⁰
 scarabaeoides L. 58-356 N.H.-Ariz.-Cal.-
 [B.C.⁷⁰

SPHÆRIDIDIOLINUS Menozzi
[21-53⁷⁰

- bipustulatum Fab. 81-78 Eur. N.Y.-
 [Wash.⁷⁰

- a.quadrimaculatum Marsh. 02-66
 [Mich. Wash.⁷⁰

- a.humerale Westh. Mich.⁷⁰
 a.marginatum Fab. Mich.⁷⁰

Cercyon

- terminatum Marsh.
 2884 = (not 2484 =)⁵¹
 falli Winters 44-95 N.J.-B.C.
 analis of Fall^{69a}
 analis (Payk.) N.J.^{69a} Eur.

Megasternum

- boletophagum Marsh. 02-72 Wash.⁷⁰ Eur.
 pugetense Hatch 46-79 Wash.

SILPHIDÆ**Nicrophorini****Nicrophorus****NECROPTER** Sem.⁶³ d'Orchymont—36.⁶⁴ d'Orchymont—38.⁶⁵ Error for Horn 71—331.⁶⁶ Listed as distinct by d'Orchymont—38.⁶⁷ d'Orchymont—41.⁶⁸ Leech—45.⁶⁹ Listed as synonym of californicus by d'Orchy
 mont—41.^{69a} Winters—44.⁷⁰ Hatch—46.

- vespilloude- Hbst.⁷¹
defodiens Port. & Hatch
 v.vespillouides s.str.
pygmaeus Kby.
hebes Kby.
humeralis Hatch
 a.ruber Hatch
 a. nearcticus Hatch 40-234
defodiens Port. & Hatch (part)
 a.nicolayi Hatch
 a.oregonensis Hatch
 s.defodiens Mannh.
munenmacheri Leech
munenmacheri Hatch 40-234
 a.binotoides Hatch 40-234
binotatus Hatch (not Port.)
 a.conversator Walk.
defodiens var. b. Mannh.
lateralis Port.
 a.pacificæ Hatch
 a.gagei Hatch
 a.walkerii Hatch 40-234
conversator Port. & Hatch (not Walk.)
 a.kadjakensis Port.
 a.mannerheimi Port.
 a.binotatus Port.
 investigator Zett.
 s.nigritus Mannh. Wash.⁷²
 s.guttulus Mots.
 a.woodgatei Hatch Wash.⁷²
 a.vandykei Angell Wash.⁷²

* * *

NICROPHORINI⁷³

Nicrophorus Fab.

NECROCHARIS Port.

carolinus Fab.

mediatus Fab.

a.mysticallis Ang.

a.scapulatus Port.

a.dolosus Port.

a.floridæ Hatch

a.krautwurmi Hatch

a.lunulatus Hatch

a.nebraskæ Hatch

NICROPHORUS s.str.

orbicollis Say

halli Kby.*quadrisignatus* Cast.

humator Fab.

salactus Fisch.*grandior* Ang. (part)

v.atricornis Meier

a.maculosus Meier

a.rubropleuralis Delah.

delahoni Schilsky MS

a.signiceps Delah.

s.tenipes Lewis

sayi Cast.

humulatus Gistel*lunatus* Lec.*luniger* G. & H.

marginatus Fab.

requisitor Gistel*montezumæ* Matth.

a.cordiger Port.

a.sanjuane Hatch

a.engelhardti Hatch

a.leachi Hatch

vespillouides Hbst.

mortuorum Fab.*fractus* Port.

a.andrewesi Port.

a.aurora Mots.

hebes Kby.*pygmaeus* Kby.*vespillouides* Lec. (not Hbst.)*defodiens* Mannh.*disjunctus* Wil. Ellis

a.humeralis Hatch

a.tristis Port.

a.steinfeldi Smirnov

a.maculatus Wil.-Ellis

a.altum Westh.

a.subfasciatus Port.

a.subinterruptus Pic

v.borealis Port.

v.sylvaticus Reitt.

a.sylvivagus Reitt.

a.ruber Hatch

a.nearcticus Hatch

a.nicolayi Hatch

a.oregonensis Hatch

s.defodiens Mannh.

munenmacheri Hatch (not Port.)

a.binotoides Hatch

binotatus Hatch (not Port.)

a.conversator Walk.

defodiens var. b. Mannh.*lateralis* Port.*pollinator* Lec. (not Mannh.)

a.pacificæ Hatch

a.walkerii Hatch

conversator Port. (not Walk.)

a.gagei Hatch

a.kadjakensis Port.

a.mannerheimi Port.

a.binotatus Port.

plagiatus Mots.

vespillo L.

vulgaris Fab.*cadaverinus* Grav.*cucipes* Duft.

a.fairch Fauc.

a.varendorffii Westh.

a.bolsmanni Westh.

a.ethiops Scheich.

a.minor Westh.

a.germani Hatch

americanus Oly.

grandis Fab.*virginicus* Frol.

melsheimeri Kby.

hybridus Hatch & Ang.

v.mnemosotanus Hatch

nigritus Mannh.

v.ruficornis Mots.

⁷¹ Revision by Hatch = 40.⁷² Hatch = 40.⁷³ Revision by Arnett = 44. (Numerous misspellings are copied from this work.)

pustulatus Hers.
 bicolor Newm.
 lardus Mannh.
 a.coloradensis Hatch
 a.noveboracensis Hatch
 a.fasciatus Port.
 a.unicolor Port.
 investigator Zett.
 ruspator Er.
 infodiens Mannh.
 confessor Mots.
 microcephalus Thoms.
 pustulatus Horn (not Hers.)
 labiatus Mots.
 vestigator Gyll. (not Hers.)
 s.investigator s.str.
 a.suturalis Mots.
 infodiens var. b. Mannh.
 a.funerator Reitt.
 a.funerator Faur.
 v.variolosus Port.
 a.intermedius Reitt.
 a.jamezi Hatch
 a.lutescens Port.
 s.maritimus Guer.
 aleuticus Guer.
 pollutor Mannh.
 sibiricus Mots.
 infodiens var. c. Mannh.
 a.martini Hatch
 a.clarencei Hatch
 a.sitkensis Hatch
 a.masseti Hatch
 a.grahami Hatch
 a.charlottei Hatch
 a.particeps Fisch.
 a.japani Hatch
 tomentosus Web.
 velutinus Fab.
 a.communis Hatch
 a.elongatus Hatch
 a.angustefasciatus Port.
 a.splendens Hatch
 a.brevis Hatch
 v.*aurigaster* Port.
 germanicus L.
 listerianus Fourer.
 a.speciosus Schultze
 a.bimaculatus Steph.
 a.frontalis Fisch.
 a.fassifer Reitt.
 a.apicalis Kr.
 v.*ruthenus* Mots.
 grandior Ang.
 guttula Mots.
 s.guttula Mots.
 a.ruficornis Mots.
 a.sanfranciscæ Hatch
 a.punctatus Hatch
 a.shastæ Hatch
 a.hypomerus Hatch
 a.lajollæ Hatch
 a.vandykei Ang.
 a.quadriguttatus Ang.
 a.kuschei Hatch.
 mexicanus Matth.
 hecate Bland.
 a.wallisi Hatch
 a.californiæ Hatch
 a.intermedius Hatch

a.disjunctus Port.
 a.woodgatei Hatch
 a.phoenix Hatch
 a.novamexicæ Hatch
 a.rubripennis Port.
 a.ruberrimus Hatch
 a.immaculosis Hatch
 obscurus Kby.
 melsheimeri Lec.
 a.discontinus Hatch
 a.ruber Hatch

SILPHINI ⁷³

Silpha L.
 littoralis L.
 f.surinamensis Fab.
 a.bizonatus Port.
 discoicollis Brullé
 analís Chevr.
 æquinoctialis Gistel
 brasiliensis Dej.
 cayennensis Berg (not Sturm)
 v.*elongata* Port.
 v.*discreta* Port.

Thanatophilus Leach
 OICEOPTOMA Leach
 americana L.
 peltata Catesby
 a.affinis Kby.
 terminata Kby.
 canadensis Kby.
 a.brunnipes Hatch
 noveboracensis Forst.
 marginalis Fab.
 marginata Kby.
 quadripunctata L.
 quadripunctulata Muller
 quadrimaculata Sam.
 v.*sexpunctata* Gerh.
 a.bifasciata Schulze
 inequalis Fab.
 s.*rugulosa* Port.
 subrugata Chevr. MS
 a.bicolorata Hatch
 ramosa Say
 cervaria Mannh.
 anesiens Csý.
 THANATOPHILUS s.str.
 lapponica Hbst.
 tuberculata Germ.
 s.*caudata* Say
 californica Mannh.
 s.*granigera* Chevr.
 trituberculata Kby.
 sagax Mannh.
 coloradensis Wickh.
 obalskii Port.
 truncata Say
 mexicana Chevr. MS

Blitophaga Reitt.
 opaca L.
 hirta Schaff.
 villosa Næzen.
 tomentosa Villers
 v.*samnitica* Fiori
 v.*binotata* Port.
 bituberosa Lec.

* * *

Silpha⁷⁵

- THANATOPHILUS Leach
 trituberculata Kby. Wash.⁷⁶
 lapponica Hbst. Colo.⁷⁷ Ill.⁷⁶
 * * *
- coloradensis Wickh. B.C.⁷⁷
obalskii Port. 20-507⁷⁷
 littoralis L. Eur. Asia, N.A.
surinamensis Fab. 92-72⁷⁸

Ptomaphagus

- ADELOPS Tellk.
 shapardi Sandn. 39-121 Okla.

STAPHYLINIDÆ

Piestinae⁷⁹**Piestus****Hypotelus****Trigonorus** Muls. 47-515⁸⁰

- * edwardsi Shp. 75-205 Cal. Ore.
 sharpi Blkwr. 41-4 Cal.-B.C.
 crotchii Lec. 74-48 Cal.-B.C.
lecontei Shp. 75-205⁸⁰
lecontei Shp. 75-206⁸⁰
lecontei Fvl. 78-185⁸⁰
 cæclatus Lec. 74-48 Cal.
 rugosus Shp. 75-204 Nev. Cal.
 dilatæcollis VanD. 34-178 Cal. B.C.

Siagonium**Trigites** Handl. 07-731

- (*Pseudeleus* Bnhr. 23-63)⁸¹
 (*Triga* Fvl. 77-183)⁸¹
 * * *

Phleocharinae**Rimulicola** Sandn. 46-131⁸²

- divalis Sandn. 46-131 Ark

Omaliinae**Trigonodemus**

- fasciatus Leech 39-258 B.C.

Anthobium

- EUSPHALERUM Kr. 58-1003
 californicum Fvl. Wash. Ore.⁸³
 orientale Bnhr. Wash.⁸³
 farrarie Hatch 44-101 Wash.
 grayæ Hatch 44-102 Wash. Ore.
 ANTHOBIUM s.str.
 bonelli Hatch 44-103 Wash.
 minskæ Hatch 44-104 Wash.

Oxytelinae**Carpelimus** Sam. 19-174⁸⁴

- (*Trogophleus* Mannh. 31-463)⁸⁴

⁷⁵ Key to larvae, Dorsey—40.⁷⁶ Hatch—40.⁷⁷ Bjorkman & Hatch—39.⁷⁸ Arnett—46.⁷⁹ Elevated from tribe, Blackwelder—43.

Tanopoma Mannh. 31-464⁸⁴

(*Carpelimus* Steph. 32-324)⁸⁴

(*Boopinus* Klima 04-56)⁸⁴

(*Teropalpus* Sol. 49-330, subg.)⁸⁴

(*Trogolimus* Shp. 00-231)⁸⁴

(*Troginus* M. & R. 79-316, subg.)⁸⁴

(*Omismmus* Gozis 86-5, subg.)⁸⁴

(*Omismmus* B. & S. 40-95)⁸⁴

fulvipes Er. 40-804 N.A. C.A. S.A. W.I.

rubripennis Fvl. 63-440⁸⁴

senilis Shp. 80-51⁸⁴

texanus Csy. 89-332⁸⁴

aqualis Gündl. 93-300⁸⁴

Coprophilus

sexualis Leech 39-250 B.C.

Apocellus Er. 40-812

(*Ocalcomorpha* Fleisch. 21-114)⁸⁴

Oxytelus Grav. 02-101

(*Caccoporus* Thoms. 61-127)⁸⁴

(*Styloxy* Gozis 86-15)⁸⁴

(*Epomotylus* Thoms. 61-128, subg.)⁸⁴

(*Tanycerus* Thoms. 61-129, subg.)⁸⁴

(*Anotylus* Thoms. 61-130, subg.)⁸⁴

(*Emopotylus* Bnhr. 10-359, subg.)⁸⁴

Platystethus Mannh. 31-460

(*Platysthetus* Steph. 33-273)⁸⁴

(*Pyctocerus* Thoms. 61-125)⁸⁴

spiculus Er. 40-784 Tex. C.A. S.A. W.I.

exiguus DuVal 57-41⁸⁴

Osoriinae⁸⁴LISPININI⁸⁴

Lispini⁸⁴

Pseudolispinodes Bnhr. 26-258

tenella (Er.) 40-23 N.A. C.A. S.A. W.I.

fauceli (Shp.) 87-720⁸⁴

flavipennis (Fvl.) 65-58⁸⁴

tenuis (Lec.) 63-60⁸⁴

Lispinus Er. 40-828

æquipunctatus Lec. 68-50 N.M. Ariz.

linearis Er. 40-829 N.A. C.A. S.A.

Inoepti⁸⁵

Inoeptus Smith 51-4⁸⁵

(*Ino* Lap. 34-135, not Schrank)⁸⁴

(*Euryplatus* Mots. 59-95)⁸⁴

(*Pseudino* Farn. 69-208)⁸⁴

reclusa Lec. 80-186 Fla. Ala. Tex.

immunda Rtt. 78-191 Md.

Thoracophori⁸⁴

Thoracophorus Mots. 37-98

(*Leipophorus* Bnhr. 26-261)⁸⁴

(*Stilbogastus* Bnhr. 08-286)⁸⁴

⁸⁰ Key and revision, Blackwelder—41.⁸¹ Blackwelder—43.⁸² Doubtfully assigned here, Sanderson—46.⁸³ Hatch—44.⁸⁴ Generic revision, Blackwelder—42.⁸⁵ Transferred from Cucujidae, Blackwelder—42.

- brevicristatus (Horn) 71-332 Fla. Ariz.
[C.A. W.I.
costalis (Er.) 40-909 Mass.-Fla.-Neb.-
[Cal.
fletcheri Wend. 27-5 Minn.⁸⁶
- Eleusii⁸⁴
- Eumalus** Shp. 87-732
nigrellus (Lec.) 63-59 Md.-Tex.-Wash.-
Mich.
a.canadensis (Horn) 71-299 Ont. Ohio
- Eleusis** Lap. 35-131
(*Chasolium* Lap. 35-132)⁸⁴
(*Isomalus* Er. 40-132)⁸⁴
humilis (Er.) 40-839 Cal. Ariz. C.A. S.A.
fasciata (Lec.) 63-59
indica (Kr.) 59-183
subtilis Shp. 89-167
pallidipennis (Fvl.) 65-40
tenuis (Fvl.) 65-41
tenuis (Walk.) 59-52
pallida (Lec.) 63-58 N.Y.-D.C.-Iowa

Paralispini⁸⁴

- Paralispinus** Bnhr. 21-67
(*Ancaus* Fvl. 65-60)⁸¹
californicus (Lec.) 63-59 Cal.-Wash.
exiguus (Er.) 40-830 N.A. C.A. S.A. W.I.
ariensis (Fvl.) 78-200
fauxeli (Shp.) 76-392
levigatus (Kr.) 59-188
obscuripennis Bnhr. 26-255
pallidescens (Bl. & S.) 85-126
rufescens (Lec.) 63-59
rufus (Fvl.) 65-60
prolixus (Lec.) 77-250 N.Y. Mich. S.D.

Osoriini⁸⁴

- Neotrochus** Blkw. 43-164
minor (Fvl.) 63-437 ?N.A. W.I. S.A.
parvulus (Chpn.) 28-66 La.
arizonicus (Chpn.) 28-66 Ariz.
levicauda (Lec.) 66-376 Ky.-N.M.-Mich.
brachypterus (Fvl.) 05-136 Va.-Fla.-La.
minor (Lec.) 77-216⁸¹

- Osorius** Latr. 27-332
(*Molosoma* Say 34-462)⁸¹
politus Lec. 77-215 Fla.
brevicornis Notm. 20-698 Fla.
planifrons Lec. 77-215 Ind. Fla.-Ariz.
parviceps Notm. 25-12 Fla.
brevipennis Notm. 25-14 Ariz. C.A.
variolatus Notm. 25-17 Ariz.
difficilis Notm. 25-17 Ariz.
latipes (Grav.) 06-198 Pa.-Fla.-Tex.-S.D.

Steninae

- Stenus** Latr. 96-77
(*Nestus* Rey 83-183)⁸¹
(*Hemistenus* Mots. 60-557, subg.)⁸¹
(*Mesostenus* Rey 83-183)⁸¹

⁸⁶ Originally cited in error as N.Y.; see Fletcher 30-190.

- (*Parastenus* Heyd. 05-262)⁸¹
(*Hypostenus* Rey 83-183, subg.)⁸¹
(*Astenus* Lynch 84-341)⁸¹
(*Stenosidotus* Lynch 84-338)⁸¹
(*Areus* Csy. 84-150)⁸¹
(*Tesnus* Rey 83-183, subg.)⁸¹
(*Mutinus* Csy. 84-146)⁸¹
vista Sandn. 46-430 Colo. Man. N.W.T.

Stylopodinae⁸¹

- Stylopodus** Ben. 17-190
(*Megalops* Er. 40-751)⁸¹
(Not Lacepède)
(*Perostylus* Ben. 17-190)⁸¹
(Not Pilsbry)
(*Megalopsidia* Leng 18-204, subg.)⁸¹
(*Aulacotrachelus* Ben. 21-1)⁸¹
(*Megalopsidiella* Bnhr. 33-333,
[subg.]⁸¹
(*Gata* Blkw. 43-202, subg.)

Pæderinae

- Ocethephilum** Steph. 29-287⁸¹
(*Cryptobium* Mannh. 31-452)⁸¹
(*Ababactus* Shp. 85-533, subg.)⁸¹
(*Cryptobiella* Csy. 05-29, subg.)⁸¹
(*Neobactus* Blkw. 39-96, subg.)⁸¹
(*Ocethephilum*, typ. error)
fracticorne (Payk.) 90-135 Eur. N.Afr.
[Mass.]^{86a}

- Daenochilus**
fresnoensis Leech 39-261 Cal.

- Lithocharis**
ardenus Sandn. 45-94 N.Y.-Ga.-Kan.

- Rugilus** Sam. 19-173⁸¹
(*Stilicus* L. & S. 25-495)⁸¹
(*Stilicosoma* Csy. 05-219)⁸¹

- Stilicolina**⁸⁷
festa Sandn. 47-28 Ariz.

- Astenus**
fletcheri Wend. 27-5 Minn.⁸⁶

- Sunius** Steph. 29-287
HYPOMEDON M. & R. 78-122⁸¹
(*Chloccharis* Lynch 84-257)⁸¹
(*Hemimedon* Csy. 05-160)⁸¹
(*Lena* Csy. 05-189)⁸¹
(*Euastenus* Fiori 15-10)⁸¹
SUNIUS s.str.
(*Oligopterus* Csy. 86-12)⁸¹
(*Medonella* Csy. 05-180)⁸¹
(*Micromedon* Csy. 05-155)⁸¹
(*Xenocharis* Brg. 34-328)⁸¹
CALODERMA Csy. 86-5⁸¹
TRACHYSECTUS Csy. 86-38⁸¹

Staphylininae

- Erichsonius** Fvl. 72-427
(*Bisnius* Thoms. 60-168, not
[Steph.]⁸¹

^{86a} Frost—47.

⁸⁷ Key to species, Sanderson—47.

(*Actobius* Fvl. 76-72)⁸¹
(*Neobisnius* Ggllb. 95-464)⁸¹

Staphylinus L.⁸⁸
(*Staphylinus* Rau 44-45
maculosus Grav.
maculosus Rau 44-45)

Ocypus Sam. 49-172 (not Kr. 58-536)⁸¹
ater Grav. Cal.⁸⁹
GOËRIUS Steph. 29-275⁸¹
olens Müll. 64-23 Cal.⁸⁹⁻⁹⁰ Mex.⁹⁰ Eur.

Atanygnathus Jacobs. 09-521
(*Tanygnathus* Er. 38-417, not [Wagler]⁸⁴
(*Tanygnathinus* Rtttr. 09-105)⁸⁴)

Nestolinus
oregonus K. Fend. 46-66 Ore.

Trichopseniinae⁹¹

Trichopsenius Horn 77-88⁹²
* depressus (Lee.) 63-30 Fla., Tenn., La.
xenodavipes Seev. 45-70 Ind., Ill.
frosti Seev. 45-70 Mass.
longipes Seev. 45-71 Utah, Cal.

Xenistura
hexagonalis Seev. 41-324 Fla.

Tachyporinae

Tachinus
quebecensis Robert 46-70 Que.

Bolitobius
kremeri Malkin 44-23 Ore., Wash.
ruber Malkin 44-24 Man., B.C.
kelleyi Malkin 44-26 B.C.
cascadensis Malkin 44-27 Ore.
schutchi Malkin 44-28 Wash.
intrusus Horn
v. wallisi Malkin 44-28 Man.
vandykei Dethlefsen 46-71 Cal., Wash.

Coproporus
ventriculus Say Ida.⁹³

Conosomus Mots. 57-54⁸⁴
(*Conurus* Steph. 29-272, not Kuhl)⁸⁴
(*Conosoma* Kr. 57-431)⁸⁴

Pulicomorphae⁹⁴

Pulicomorpha Mann 24-87⁹⁴
* cecia Mann 24-88 L. Cal.

Beyeria Fenyves 10-118⁹⁴
* vespa Fenyves 10-119 Ariz.
pulex Sandn. 13-137 Ark.

⁸¹ Blackwelder 43.

⁸⁸ Key to larvæ, Voris 39.

⁸⁹ Van Dyke 45.

⁹⁰ Blackwelder collection.

⁹¹ Seevers 41.

⁹² Revision, Seevers 45.

⁹³ Malkin 44. *

⁹⁴ Revision, Sanderson 43.

PSELAPHIDÆ

Batrissodes
cartwrighti Sandn. 40-169 S.C.
curvatus Sandn. 40-170 S.C.

CLAVIGERIDÆ

Fustiger
knausi Schffr. Colo.⁹⁵

LIMULODIDÆ⁹⁶

(*Limulodinae*, *Cephaloplectinae*)⁹⁷

Limulodes Matth. 67-409
* (*Ectoxenus* Wasm. 08-182)⁹⁷
LIMULODES s.str.
paradoxa Matth. 67-409 Mass.-Ariz.
NEOLIMULODES Seev. & [Dybas 43-570
parki S. & D. 43-570 Ill., Ind., Ia., Tex.
paradoxa Wickh. 92-322 (part)⁹⁷
IDOLIMULODES Seev. & [Dybas 43-572
navajo S. & D. 43-572 Ariz.
paradoxa Wickh. 92-322 (part)⁹⁷

SPILERITIDÆ

Sphaerites
poltus Mannh. 46-514⁹⁸ Alas., Alb., Cal.
glabatus Horn 80-247⁹⁸
[glabratus Fabr. not N. Amer.⁹⁸]

HISTERIDÆ

(see also below)

Hololepta
fossularis Say 25-47
aqualis Say 25-47⁹⁹

Hister
falli Bickh. 12-290
gagates Fall 10-121¹
(not Illiger, 1807)
PARALISTER Bickh. 16-188
osculatus Blatch. 10-607³
puncticollis Schffr. 12-26²
dispar Lec. 45-57³
purpurascens Hbst. 92-42 Eur., Pa.²

Spilodiscus Lewis 06-343⁴
floridanus Ross 40-7 Fla.
gloveri Horn 70-134⁵

⁹⁵ Rotger 44.

⁹⁶ New family, with key to genera and species, Seevers & Dybas 43.

⁹⁷ Seevers & Dybas 43.

⁹⁸ W. J. Brown 44.

⁹⁹ Bradley 43.

¹ Bickhardt 12 and McGrath & Hatch 44.

² Siepmann 39.

³ Placed in subgenus by Bradley 43.

⁴ Used as valid genus, Ross 40.

⁵ Transferred from Hister, Ross 44.

Atholus Thoms. 62-228 ⁴
 minutus Ross 40-8 Fla.

Pseudister
 (hospes Lewis 02-236 prob. not N. Amer.⁶)

Platysoma
 leonti Mars. 53-273 ⁷
depressum Lec. 45-40 ⁶
lecontei of authors ⁶

Psiloscelis
 repletus Lec.⁸

Dendrophilus ⁹
 opacus Ross 40-104 S.C.

Terapus ¹⁰
 * arizonensis Ross 38-48 Ariz.
 infernalis (Fall) 07-69 Cal.

Onthophilus
 kirri Ross 44-115 Tex.

Acritus
 attaphilus Wenzel 39-384 Tex.

Saprinus
 lanei McGr. & H. 41-58 Wash.
 insertus Lec
 a micropunctatus McGr. & H. 41-60
 fimbriatus Lec [Wash.
 v desertoides McGr. & H. 41-61 Wash.
 rossi Wenzel 39-388 Ill.

Eremosaprinus Ross 39-39 ^{11 12}
 * unguiculatus (Ross) 39-40 Cal.
 falli (Ross) 39-41 Cal.
 carinifer (Fall) 17-167 Cal.
 opacus (Horn) 94-364 L. Cal.
 hubbardi (Wenzel) 39-386 Cal.

Geomysaprinus Ross 40-2
 * goffi Ross 40-3 Tex.¹³ Fla.
 tibialis Ross 40-5 Fla.
 rugosifrons (Fall) 19-213 ¹⁴ Man.

Yarmister Wenzel 39-391
 barberi Wenzel 39-392 Fla.

Reninus Lewis 89-275
 (*Renia* Lewis 85-467)¹⁵
 salvini Lewis 88-220 Tex.¹⁵ Mex.

Hypocaccus
 kineaidi McGr. & H. 41-62 Wash.

* * *

HISTERIDÆ ¹⁶

(see also above)

SAPRINOMORPHÆ

Abraëinæ ¹⁶

ABREININI ¹⁶

Abraeus ¹⁶

⁶ Bradley—43.

⁷ Correct spelling, Bradley—43.

⁸ A species inquirendæ, Bradley—43.

⁹ Key to species, Ross—40.

¹⁰ Key to species, Hinton—45.

PLEGADERINI ¹⁶

Plegaderus ¹⁶

ACRITINI ¹⁶

Aeletes ¹⁶
 floridæ Mars. ¹⁶

Halacritus Schmidt 93-ciii ¹⁶
 (*Paracritus* Brèthes 23-40)¹⁶
 parallelus Csy. 16-251 W. Va.
 salinus (Lec.) 78-402 Fla.
 maritimus (Lec.) 51-170 Cal.

Acritus Lec. ¹⁶
 exiguus Er. 34-208
subdepressus (Blatch.) 22-13 ¹⁶

TERETRIINI ¹⁶

(*Teretrius*, *Teretriosoma*)

Saprininæ ¹⁶

Saprinus ¹⁶

Geomysaprinus Ross 40-2 ¹⁶
 rugosifrons (Fall) 19-213 Man.

Hypocaccus ¹⁶
 iris (Fall) 19-214 Man. Wis.
alutiger (Wenzel) 35-789 ¹⁶

Dendrophilinæ ¹⁶

Geocolus Wenzel 44-92
 cæcus Wenzel 44-94 Ga.

Bacanius ¹⁶

Carcinops Mars. ¹⁶
 cribripuga Wenzel 44-102 Fla.

Tribalinæ ¹⁶

Epierus ¹⁶

Histerinæ ¹⁶

HOLELEPTINI ¹⁶

Hololepta ¹⁶

HISTERINI ¹⁶

Margarinotus Mars. 53-549 ¹⁶
 * (*Grammostethus* Lewis 06-400)¹⁶
 (*Paralister* Bickh. 16-188)¹⁶
 (*Stenister* Reich. 26-270)¹⁶
 adonis (Blatch.)

¹¹ Described as a subgenus of *Saprinus*.

¹² Considered a distinct genus, Ross—40.

¹³ Ross—44.

¹⁴ Transferred from *Saprinus*, Ross—44.

¹⁵ Wenzel—40.

¹⁶ Partial reclassification of family, Wenzel—44.

- cadaverinus* (Hoffm.) 03-34
obtusatus of authors ¹⁶
virginia (Csy.) 93-541 ¹⁶
californicus (Mars.)
cognatus (Lee.)
confusus Wenzel 44-133 Mass.-Ill.
davisi (Schief.)
ednae (Carn.)
egregius (Csy.)
felipe (Lewis)
fidelis (Csy.)
fractifrons (Lewis)
guttifer Horn
immus (Er.)
interruptus (Beauv.)
lecontei Wenzel 44-134 Que.-N.C.-Wis.
cognatus of authors ¹⁶
marginicollis (Lee.)
merdarius (Hoffm.)
mormon (Csy.)
oblitus (Csy.)
planifrons (Lewis)
pluto (Csy.)
rectus (Csy.)
remotus (Lee.)
sinuosus (Lewis)
stercorarius (Hoffm.) 03-57 Mass. Ill.
semisculptus (Lee.) 63-60 ¹⁶ [Ore. Eur.
stygius (Lee.)
umbilicatus (Csy.)
umbratilis (Csy.)
umbrosus (Csy.)
Atholus Thoms. ¹⁶
bolteri Wenzel 44-137 Fla.

Heteriinae ¹⁶

HEPATERIOMORPHINI ¹⁶

Yarmister ¹⁶

* * *

LAMPYRIDÆ

- Brachylampis* VanD. 39-15
sanguineicollis VanD. 39-16 Cal.
blaisdelli VanD. 39-17 Cal.

CANTHARIDÆ

- Chauliognathus*
texasus K. Fend. 43-63 Tex.
Podabrus ²⁰
layi Lee. 66-91 ¹⁷
cascadensis K. Fend. 43-64 Ore.
brunneus K. Fend. 43-65 Ariz.
danielsi K. Fend. 43-65 Wash. ¹⁸ Ore.
latimanus Mots. Ore. ¹⁸
conspiratus Fall Ore. ¹⁸

¹⁶ Partial reclassification of family, Wenzel 44

¹⁷ Valid species, K. Fender 45.

¹⁸ K. Fender 45.

¹⁹ Localities transposed in Leng Cat., K. Fender 45.

²⁰ Key to species, Green 40.

- pruinosis* Lee. Ore. ¹⁸
validipes Fall Ore. ¹⁸
falli Hopp. Wash. Ore. ¹⁸
fulvus Fall Ore. ¹⁸
lanei K. Fend. 45-78 Wash. Ore. Ida.
extricatus Fall Ore. ¹⁸
nacer Lee. Ore. Wash. ¹⁸
pimphilus Esch. Ore. Wash. ¹⁸
extremus Lee. N.H. Alb. Wash. Alas. ¹⁸
bolteri Lee. Cal. ¹⁹ Ore. ¹⁸
pattom Lee. 66-394 Can. Pa. ¹⁹
deceptus Brown 40-161 Man.
perplexus Brown 40-161 Man.
secretus Brown 40-161 Que.
fissilis Fall Wash. ¹⁸
instabilis Fall (not Lee.) Ore. Wash. B.C. ¹⁸
cayicollis Lee. Wash. Ore. ¹⁸
frosti K. Fend. 46-42 Mass.
planulus Green 47-65 N.H.-Pa.-Mich.
intrusus Green 47-67 Vt. Pa. Mass. Mich.
brimleyi Green 47-70 N.C.
dreisbachi Green 47-73 Mich.
dietrichi Green 47-74 N.Y.
antennatus Green 40-172 Mass.-Va.-Minn.
sylvaticus Green 40-173 Ont.-Ga.
parvicollis Green 40-175 Pa. N.J. N.C.
proximus Green 40-176 N.Y. N.J.
umbrinus Green 40-181 Me.-Fla.
cartwrighti Green 40-182 N.C. Mich.
hirticulus Green 40-183 Pa. N.C. Ind.
immeticus Green 40-184 W.Va. Ala. N.C.
angulatus Say 23-180 ²¹ [Ga.
flavipes Lee. 51-341
dichrous Lee. 51-341 ²²
picicornis Green 40-191 Colo. N.M. Ariz.
tenuis Green 40-192 Me.-N.C.
campestris Green 40-194 Kan.-Minn.
vestigialis Green 40-195 N.J.
septentrionalis Green 40-197 Man. Minn.
coloradensis Green 40-198 Colo. Utah
 [Mont.
orillavus Lee. 74-273 ²¹ Me.-Ala.-Kan.
imbecilis Lee. 51-342
imbecilis Leng 20-143 ²²
albolineatus Blatch. 17-143 ²²
imbecillus Blkwr. 39-31 ²²
nigriceps Lee. 50-230 ²¹
pusillus Lee. 81-52 (not 1851) ²²
mollis Fall 36-182 ²²
s. minus Fall 36-182 ²²
greeni Fall 36-183
greeni Blkwr. 30-32 ²²
trianguliferus Green 40-207 N.J.-Fla.-
 [Ark.
nigrohumeralis Green 40-207 Va.-Ala.
heterodoxus Green 40-208 Mass.-Ala.-Ill.
lobatus McK.-Fend. ²⁴ 41-128 Ont.-
 N.C.-Tex.
carolinus Fab. Ont.-Fla.-Tex.-Minn. ²³
dentatus McK.-Fend. 44-20 Cal.

Polenius

- canadensis* Brown 40-162 N.B.

²¹ Valid species, Green 40.

²² Green 40.

²³ McK.-Fender 41.

²⁴ This spelling was later adopted by Mrs. Dorothy McK.-Fender, to avoid confusion with Kenneth Fender.

Silis

freemani Brown 40-163

Tex.

Malthodes

hirsutotibialis K.Fend. 45-38

N.C.

oregonus K.Fend. 43-66

Ore.

frosti K.Fend. 43-67

Ore.

humidus K.Fend. 43-68

Ill. Ark.

frisoni K.Fend. 46-142

Colo.

rotgeri K.Fend. 46-143

Wash.

macnabi K.Fend. 46-144

MELYRIDÆ**Malachius**²⁵

rotgeri Marshall 46-191

Colo.

yuccæ Hopp. 39-61

Cal.

blaisdelli Hopp. 39-62

Cal.

Trichochroides Blais. 38-25²⁶

* scabricollis Blais. 40-200

Cal.

muri Blais. 27-165

Cal.

falsus Blais. 40-292

Cal.

nunenmacheri Blais. 40-294

Cal.

vanduzeei (Blais.) 24-322²⁷

Cal.

sexualis (Csy.) 95-524²⁷

Cal.

palpalis (Blais.) 23-321

Cal.

crassicornis Blais. 40-300

Cal.

parvicollis Blais. 40-301

Cal.

virilis Blais. 40-303

Cal.

Tanaops²⁸

greeni M.Y.Marsh. 41-164

Colo. N.M.

neglectus M.Y.Marsh. 46-185

Cal.

albidominalis Lec. 59-74

Cal.

v. alutaceus M.Y.Marsh. 46-186

Cal.

sierræ M.Y.Marsh. 46-187

Cal.

nunenmacheri M.Y.Marsh. 46-189

Nev.

oregonensis M.Y.Marsh. 46-190

Ore.

Microlipusuniformis (Mots.) 59-405²⁹B.C.³⁰**Anthocomus**erichsoni Lec. 52-165³¹criddlei (Brown) 28-146³⁰otiosus Er. 40-99 [sic]³⁰**Attalus**

nigrellus Lec. 52-167

falli (Hopp.) 25-206³⁰

minutus M.Y.Marsh. 46-193

Ariz.

Eudasytes

brunnipilosa Blais. 40-319

Cal.

Eutrichopleurus

concinus Blais. 40-321

Utah

Trichochrous

nevadensis Blais. 42-129

Nev.

panamintensis Blais. 40-323

Cal.

Listrus

hoppingi Blais. 40-212

Cal.

²⁵ According to Marshall (46-193) all American species in this genus should be transferred to *Microlipus*, with exception of *concinus*.²⁶ Revision of genus, Blaisdell-40.²⁷ Transferred from *Trichochrous* by Blaisdell-40.²⁸ Key to species, M. Y. Marshall-46.²⁹ Valid species, M. Y. Marshall-46.³⁰ Brown-44.**Enallonyx** Wole. 44-47(*Allonyx* Lec. 62-193)³²

(not DuVal, 1860)

CLERIDÆ**Tillinae****Monophylla**(*Macroclerus* Klug 42-274)³³(*Elasmocerus* Lec. 49-13)³³**Callotillus****Tillus**(*Cylinder* Voet 06-78)³³

patagonæ Knull 46-72

Ariz.

Perilypus**Lecontella****Cymatodera**

pseudotsugæ Barr 47-17

Cal. Ore.

xavieræ Knull 40-555

Ariz.

Bostrichoelerus**Phyllobæniinae**^{33 41}**Phyllobænus** Dej. 37-127^{33 43 44}(*Hydnocera* Newm. 38-379)^{33 42}(*Theano* Chev. 43-33, not Cast.)³³

humeralis (Say) 23-192

humeralis Germ. 24-80⁴²v. cyanescens (Lec.) 49-28³⁴difficilis (Lec.) 49-27³⁴

verticalis Say 35-164

brachyptera (Klug) 42-313³¹lineatocollis (Spm.) 44-51³⁴tenella (Say) 35-164³⁴**Isobydnocera**^{23 42}**Wolecottia**^{33 42}**Thaneroclerinae**^{33 44}**Thaneroclerus** Lef. 38-13⁴⁴* (*Taneroclerus* Chev. 80-10)³³(*Thaneclerus* Chenu 60-247)⁴¹(*Thanateroclerus* G. & H. 69-1739)⁴⁴(*Metademiis* Matsum. 35-234)³³buquet Lef. 35-577^{34 41} N.Y. Fla. Cal.buqueti Westw. 38-13^{31 44} [Cosmop.]gironi Chev. 80-31^{31 44}tabacci Matsum. 35-234^{34 44}valermestoides Klug 42-310^{34 44} N.Y.³¹ Belongs in *Microlipus*, M. Y. Marshall-46.³² Wolecott-44³³ Rearrangement and synonymy, Wolecott-47.³⁴ Wolecott-47.³⁵ Revision of genus, Wolecott-47.⁴⁰ Doubtfully retained; not seen since the original publication; Wolecott-47.⁴¹ Key to genera, Wolecott-44.⁴² Wolecott-44⁴³ Should be Dejean 33-113.⁴⁴ Revision, Corporaal-39

- Zenodosus** Wole, 10: 321^{33, 41}
 * (*Xenodosus* Chapm., 20: 636^{33, 41})
 (*Zenodosus* Leng 20-470³³)
sanguineus Say 35-162 U.S., Can.
Ababa Csy, 97: 653^{33, 41}
 * (*Prionodera* Wole, 10: 396^{33, 41})
 (*Prionostichus* Wole, 11: 125^{33, 41})
 (*Wolcottella* Lucas 20: 669^{33, 41})
tantilla Lee, 65-96 Ala., Tex., Bra.
crinita Csy, 97: 653³³

Clerinae³³

- Priocera**
catalinae Cazier 39-162 Ariz.
chiricahuae Knull 39-27 Ariz.
Colyphus Spin, 41: 72
 (*Cleronomus* Klug 42-282)³³
 (*Derestenus* Chev, 43-43)⁴¹
furcatus Schffr, 04-218 Tex.
ornaticollis Lee, 80-191 Ohio
melanopterus Dury 06-251³⁴
Placopterus Wole, 10: 363
 (*Parcillochroa* Chev, 76-5)³³
 (not Westring, 1871)
 (*Placopterus* Leng 20-149)³³
 (*Phlaopterus* Britton 31-236)³¹
cyanipennis Klug 42-307 [Mex.]
v. dasytoides Westw., 49-50 Mex., Tex.
haagi Chev, 76-12³⁶ Mex., Tex.
subcostatus Schffr, 17-131³⁶ Fla., Tex.
thoracicus Ohw., 95-18³⁶ Can.-Fla.-Ind.
monilis Melsh., 46-307³⁴ [Cal.]
v. pallipes Wole, 12-55³⁶
Thanasimus Latr., 06: 270
 * (*Cleroides* Schffr, 77-137)³³
 (*Pseudoclerus* DuVal 60-196)³³
dubius Fab., 77-229 Me.-N.M.-Alas.
ruficeps Spin, 44-189³⁴
repandus Horn 71-342 Cal.
trifasciatus Say 25-175 Can.-Pa.-Wis.
undatulus Say 35-163 Me.-Mont., N.M.
undulatus Leng 20-149³³
v. abdominalis Kbe., 37-244³⁴
v. nubilus Klug 42-386³⁴
v. melanocephalus Chev, 71-290³⁴ N.S.
 [N.H.]
v. monticola Wole, 10-357³⁴ B.C.-Cal.
v. rubriventris Lee, 61-351³⁴ Cal.
Enoclerus Gahan 10: 62^{37, 46}
 (*Clerus* of authors, not Fab.)^{33, 46}
abdominalis Chev., 34-52 [Mex.]
zonatus Klug 42-297³⁴
v. spinola Lee, 53-230³⁴ Kan.-Mex.-
 [Cal.]
bombycinus Chev., 33-42 Cal., Mex.
anewollis Spin, 41-254³⁴
sericans Westw., 49-58³⁴
brevicollis Spin, 41-266 N.A.

- eric* Wole, 22-68 Ariz.
myoensis VanD., 38-191 Cal.
lecontei Wole, 10-359
nigritentris Lee, 61-351³⁴
 (not Blanchard, 1843)
libellulæ Wole, 22-73 N.Y.-Wis.
mexicanus Cast., 36-44 Tex.-Pan.
assimilis Spin, 44-249³⁴
v. assimilis Chev., 43-17³⁴
v. semiochraceus Chev., 74-292³⁴
v. silbermanni Chev., 43-21³⁴
nigritrons Say 23-190 Can.-Ala.-Neb.
v. te. tacopes Wole, 22-72 Ind.
venator Chev., 43-18 Tex., Mex.
lescuri Spin, 44-249³⁴
vetus Wole, 27-107 Tex.
crabronarius of authors
 (not Spinola, 1844)
schaefferi Barr 47-24
humeralis Schffr. 05-155^{36a}
eximius Mannh.
s. trulliformis Barr 47-21 Utah Nev., Ida.
 Ore.

- Trichodes** Hbst., 92: 151^{33, 37a, 45}
 (*Clerus* Curt., 21-44)³³
basalis VanD., 43-41 Cal.
ornatus Say 23-189 Tex.-Alas., Mex.
tenellus Lee, 58-72³⁴
douglasianus White 49-60^{34, 42}
hartwegianus White 49-60^{34, 42}
v. obsoletus Wole, 44-59³⁴ Ariz.
simulator Horn 80-149 Colo.,⁴² Utah N.M.
flavescens Ckll., 98-115⁴²

Aulicus

Serriger

Xenoclerus

Epiphlecinæ³³

- Phlogistosternus** Wole, 44: 124^{33, 37a}
 (*Phyllobenus* Spin, 44-1)^{33, 42}
 (not Dejean, 1837)
 (*Thano* Chev., 43-33)⁴²
californicus VanD., 23-47 Cal.
dislocatus Say 25-176 Can.-Ga.-Tex.
dislotatus Wole, 44-124
dystrophus Klug 43-374³⁴
transversalis Spin, 44-4³⁴
merckii Horn 96-374 Ariz., N.M.
Neichneia Wole, & Chpn., 18: 108
 (*Ichnea* Cast., 36-55, part)³⁴
 (*Ellipiotoma* Wole, 10-858)³⁴
 (not Spinola, 1844)

Ichnea

- * *elongata* Knull 39-27 Ariz.

³³ Rearrangement and synonymy, Wolcott 47.
³⁴ Wolcott 47.

³⁶ Transferred from *Cleronomus*, Wolcott 47.
^{36a} Barr 47.

³⁷ Reinstated by Wolcott 47.

^{37a} Listed as synonym of *Clerus* Fab. by Wolcott 44.

^{37b} Originally placed in *Phyllobeninae*.

³⁸ Valid species, Wolcott 47.

⁴² Wolcott 44.

⁴³ Revision, Corporal 39.

⁴⁶ Blackwelder 45.

Enopliinae ³³**Orthopleura** Spin. 44-80(Dermestoides Schffr. 71-220) ³³texana Bland 63-356 ³⁸ Tex.**Pelonides** Kuw. 91-8(Pyticara Spin. 41-75) ³³

humeralis Horn 68-135 Tex. N.M. Mex.

v. perroudi Pic 33-12 ³⁴ Tex.

similis Knull 38-97 Tex.

Chariessa Perty 30-109(Brachymorphus Chev. 35-150) ³³(Pelonium Spin. 44-347, part) ³³(Philyra Cast. 36-53) ³³(Tarandocerus Chev. 76-7) ³³**Corinthiscus** F. & G. 61-4(Pelonium Spin. 44-347, part) ³³**Cregya** Lec. 61-197* (Galerucerus Gahan 10-75) ³³

mixta Lec. 66-98 Md.-Tex.

oculata Say 35-163 Mass.-Tex.

marginipennis Spin. 44-363 ³⁴

quadrisignata Spin. 44-365 Tex. C.A.

v. bilineicollis Chev. 74-327 ³⁴ Tex.quadrinotata Chev. 74-328 ³⁴uncinata Chev. 74-328 ³⁴**Korynetinae** ³³[Erolestus Wole. 27-108 not N.A. ³⁴][Korynetes Hbst. 92-148 not N.A. ³⁴]**Tarsostenus** Spin. 44-287

* univittatus Rossi 92-14 Cosmop.

albofasciatus Melsh. 46-306 ³⁴biguttatus Montr. 60-260 ³⁴fasciellus Spin. 44-172 ³⁴fasciatus Curt. 32-270 ³⁴morrens Westw. 49-57 ³⁴picipennis Westw. 49-48 ³⁴succinctus Chev. 42-277 ³⁴**Lebasiella****Lædella** Lucas 20-380(Necrobioides Gahan 10-76) ³³* discoidea (Lec.) 81-77 ³⁹ N.M. Ariz.janthina Lec. 66-99 ³⁹ L.Cal.maculicollis Lec. 74-63 ³⁹ Cal.filiolus Chev. 74-326 ³⁹lineatocolle Chev. 74-326 ³⁹v. nigricollis Wole. 27-110 ³⁹ Cal.**Necrobia** Oliv. 95-5* (Igonolia M. & R. 63-122) ³³

?mesosternalis Schffr. 08-135 Ariz. Mex.

ruficollis Fab. 75-57 Cosmop.

v. knoekei Kolbe 12-9 ³⁴

rufipes Deg. 75-165 Cosmop.

amethystina Steph. 32-417 ³⁴dermestoides P. & M. 83-68 ³⁴foveicollis Schkg. 00-20 ³⁴glabra Champoll. 14-41 ³⁴mumiarum Hope 34-54 ³⁴pilifera Rtt. 94-85 ³⁴v. aneipennis Csiki 00-124 ³⁴ Cosmop.

violacea L. 58-356

angustata Fald. 35-210 ³⁴chalybea Sturm 37-43 ³⁴errans Melsh. 46-307 ³⁴quadra Marsh. 02-323 ³⁴**Opetiopalpus** Spin. 44-110* (Opetiopselaphus G. & H. 69-1759) ³³luridus Spin. 44-113 ³⁹ ?N.A.**ÆDEMERIDÆ****Rhinoplatia** Horn 68-137 ⁴⁷

* mortivallicola Arnett 48-243 Cal.

ruficollis Horn 68-138 Nev. Cal.

Asclera ⁴⁸

auripilis VanD. 46-81 Cal.

MORDELLIDÆ ⁵⁶**Tomoxia** Costa 54-8 ⁴⁹

* inclusa Lec. 62-45 Me.-Md.-Mich.-Ont.

horealis (Lec.) 62-46 ⁵⁰ N.B.-Pa.-Colo.

lineella Lec. 62-45 N.B.-Md.-C.St.

fascifera (Lec.) 78-427 ⁵⁰ D.C. Fla. Tex.undulata (Melsh.) 46-316 ⁵⁰ Me.-Md.-Ill.serval (Say) 35-191 ⁵⁰ c.St.triloba (Say) 24-139 ⁵⁰ Vt.-Ala.-Kan.carinata (Smith) 83-3 ⁵⁰ Fla.-Tex.discoidea (Melsh.) 46-315 ⁵⁰ N.Y.-Tenn.-

Iowa

v. flaviventris (Smith) 83-3 ⁵⁰ Fla. Tex.

* * *

latipalpis Ray 46-90 Fla.

Clipa Lec. 59-17 ⁴⁹

* hilaris (Say) 35-190 Pa.-Tex.

hieroglyphica Sz. 78-372 ⁵¹oculata (Say) 35-190 ⁵⁰ Pa.-Ga.-Mich.-jovialis (Lec.) 78-428 ⁵¹ [Tex.octopunctata (Fab.) 75-263 ⁵⁰ N.Y.-Tex.bidentata (Say) 23-277 ⁵² Me.-N.C.-Kan.inflammata (Lec.) 62-46 ⁵⁰ Fla.perlineata (Fall) 07-254 ⁵⁰ N.M. Ariz.

* * *

hieroglyphica Sz. 78-372 ⁵³ Fla.**Mordella** ⁴⁹(Sphulera Lec. 59-17) ⁵¹signata Champ. 91-276 N.M. ⁵¹ C.A.

schwarzi Lilj. 45-34 Fla.

capillosa Lilj. 45-35 Colo.

pubescens Lilj. (not Fab.) ⁵¹

cinereoatra Lilj. 45-41 Fla.

marginata Melsh. 46-312 Pa.

v. lineata Melsh. 46-313 ⁵¹ Pa.

invisitata Lilj. 45-48 Fla.

novemnotata Ray 44-118 Ariz. Mex.

latemaculata Ray 44-122 Tex. Mex.

pretiosa Champ. 91-302 Tex. ⁵⁴ Mex.brevistylis Lilj. Tex. ⁵⁴³⁹ Transferred from Korynetes, Wolcott -47.⁴⁵ Key to species, Wolcott 44.⁴⁷ Revision, Arnett-48.⁴⁸ Key to Pacific Coast species, Van Dyke 46.⁴⁹ Key to species, Liljebland-45.⁵⁰ Transferred from Mordella by Liljebland-45.⁵¹ Liljebland-45.⁵² Transferred from Tomoxia by Liljebland-45.⁵³ Valid species, Ray-39.⁵⁴ Ray-46.

- quadripunctata Say⁴⁹ Colo.⁵⁴
 fuscomerula Fall⁵⁰ Utah⁵⁴ Ariz.
 longipalpis Ray 46-121 Ill.
- Isotrilophus** Lilj. 45-18
 errata (Smith) 83-80 Ark.⁵⁴ Fla. Tex.
chenina (Champ.) 91-306⁵¹
- Glipodes**
 sericans Melsh. Ark.⁵⁴
- Conalia** M. & R. 58-313
helva (Lee.) 62-48⁵² Mass. Fla.=Kans.
melanop. Ray 46-91 Que.
- Mordellistena**⁵³
brispennis Melsh. 46-314 N.S.=Va.
pityptera Lec. 62-51⁵⁴ [Mich.
 Laiba Lilj. 45-161 Kan.
 lochini Lilj. 45-173 Ala.
 lutea exi Lilj. 45-176⁵⁹ Tenn.⁵⁴ Ill.⁵⁴ Mich.
 texana Smith 82-98 Tex.
insolita Lilj. 17-11⁵⁴
 enigmosa Lilj. 45-158 Utah
 tantula Lilj. 45-159 Cal.
 palmi Lilj. 45-159 Ariz.
 blanda Lilj. 45-160 Cal.
 parva Lilj. 45-133 Mich.
 blatchleyi Lilj. 45-133⁵⁹ Ga.⁵⁴ Ohio⁵⁴
 [Ill.⁵⁴ Fla.
 subfuscus Lilj. 45-134 Ariz.
 wickhami Lilj. 45-135⁵⁹ Ill.⁵⁴ Utah
 ermita Lilj. 45-136 Tex.
 discolor (Melsh.) 45-313
cinereo-fasciata Smith 82-98⁵⁴
zebelotti Lilj. 17-12⁵⁴
 rubrifascia Lilj. 45-113 Ind. Ill. Ohio
 rufilabris Lilj. 45-113 Cal.
 pullata Lilj. 45-115 Cal.
 nigella Lilj. 45-116 Cal.
 minutus Lilj. 45-121 Cal.
 andree Lec. 62-50 c.St. Ga.
graminea Lec. 62-50⁵⁴
vanella Lec. 62-50⁵⁴ Mass.=Fla. Ill.
varians Lec. 62-50⁵⁴
vastulata Lec. 62-50⁵⁴ c.St. s.St.
 cerviculis Lec. 62-49 Me.=N.C.
picicornis Lec. 62-49⁵⁴
auricoma Helm. 65-96⁵⁴
exilis Lilj. 17-10⁵⁴
comata of Smith (not Lec.)⁵⁴
 scapularis (Say) 24-277 N.S.=Md. Mich.
biplagiata Helm. 64-105⁵⁴
 pauxilla Lilj. 45-93 Ill.
 parvula Lilj. 45-91 Fla.
 nebulosa Lilj. 45-101 Ohio
 argenteola Lilj. 45-104 Utah Ariz.
 egregia Lilj. 45-107 Cal.
 trifasciata (Say) 26-243 Me.=Ala.=Mich.
nigricollis Helm. 64-105⁵⁴
lepidula Lec. 62-48⁵⁴
anica Lec. 62-49⁵⁴
 sexnotata Dury 02-176 Ky. N.M.
festiva Fall 07-255⁵⁴
falli Csiki 15-34⁵⁴
- viridescens Lilj. 45-78 Fla.
 wenzeli Lilj. 45-79 Ga.
 arida Lec. 62-48 Mass.=Va.=Mich. Ariz.
rudita Lilj. 17-10⁵⁴
 knausi Lilj. 45-82 Utah
 frosti Lilj. 18-156 Me. Que.⁵⁴
 picipennis Smith 82-91 N.Y. Ga. O.
 [Tenn.⁵⁴
 dietrichi Ray 46-94 Miss.
 lateralis Ray 46-95 Ill.
 heterocolor Ray 46-96 Fla.
 splendeus Smith 82-95 N.C.⁵⁴ Fla. Ill.
splendens of authors
 rufa Lilj. 17-11 Ill. Ala.⁵⁴
 mixta Ray 46-97 Ill.
 meommunis Lilj. 21-185 Man. Mich.
 [Tenn. Ill.
 masoni Lilj. 18-157 N.J. Conn.⁵⁴ N.C.⁵⁴
 fuscipennis Melsh. 46-314 Ill.⁵⁴
 vera Lilj. 17-11 Mo. S.C.⁵⁴
 gigas Lilj. 17-13 Ill. N.Y.⁵⁴ Que.⁵⁴
 fuscoatra Helm. 64-105 Ill. N.Y.⁵⁴
 smithi Dury 02-177 Md.=Ill. Ark.⁵⁴
 sericans Fall Cal.⁵⁴
 incommunis Lilj. Wyo.⁵⁴
 terminata Ray 46-48 Okla.
 arcuata Ray 46-49 Tex.
 neocmeta Ray 46-42 Tex. Ariz.
 sparsa (Champ.) 91-335 Mex. Cal.⁵⁴
 huachuacensis Ray 46-42 Ariz.
 diversa Ray 46-46 Wash. Ore.
 humerosa Ray 46-47 Ariz.
 smithi Dury 02-177 Md.=Ill.=Ark.⁵⁴
 uniformis Ray 46-122 Ill.
 idahoensis Ray 46-124 Ida.
 neofascia Ray 46-126 Ariz.
 minima Lec. 62-49
tura Ray 36-127⁵⁴
 yuma Ray 46-127 Ariz. Cal.
 leonardi Ray 46-128 Fla. Miss.
 fenderi Ray 47-121 Ore.
 saturatus Ray 47-124 Tenn.
 bahrsata Ray 47-125 Kan. Ore. Wash.
 arizonensis Ray 47-126 Ariz.
 pilosella Ray 47-127 Ariz.
 Y-notata Ray 47-129 Mich.
 malkini Ray 47-130 Fla.
- J.N. SPINX⁶⁰
- Diellidia**⁶¹
 sexmaculata Lilj. 45-189 Ariz.
 obscura Lilj. 45-191 Ariz.
 spinea Lilj. 45-193 Ariz.
 sordida Lilj. 45-195 Ariz.
- Pentaria** Muls. 56-391⁶¹
Anthobates Lec. 50-231⁶⁴
 (not Gistl, 1847)
Anthobatula Strand 29-23⁶⁴
 bicincta Champ. 90-254 Tex.⁵⁴ Ariz.⁵⁴
 brunneipennis Champ. 90-253 Tex.⁵⁴ Mex.
 bicolor Lilj. 18-155 Colo.⁵⁴ Tex.

⁴⁹ Key to species, Liljeblad—45.⁵¹ Liljeblad—45.⁵² Ray—46.⁵³ Transferred from Mordellistena by Liljeblad—45.⁵⁴ Key to subfamilies, Liljeblad—45, (with key to genera of Mordellini).⁵⁵ Transferred from Glipodes by Liljeblad—45.⁵⁶ Transferred from Glipodes by Ray—46.⁵⁹ Ray—46, dates these species 1946, but the paper was received at the U.S.N.M. in 1945.⁶⁰ Key to genera, Liljeblad—45.⁶¹ Key to species, Liljeblad—45.

- fuscata Lec. 62-44 Colo.⁵⁴ N.M. Tex.
decolor Champ. 91-256 Tex.⁵⁴ Mex.
- Anaspis** ⁶¹
seposita Lilj. 45-211 B.C.
beardsleyi Lilj. 45-214 Cal.
duryi Lilj. 45-216 Cal.
- Nauceles** Champ. 91-257 ⁶¹
pusio (Lec.) 58-76 ⁶² Utah, Tex.-Cal.
tibialis Champ. 91-257 Cal.⁵¹ Guat.
basalis Champ. 91-257 Tex.⁵¹ Guat.
- Silaria** Muls. 56-426
revelstokei Lilj. 45-219 B.C.
- Larisia** Emery 76-13
nigricolor Lilj. 45-221 Alb.
- Nassipa** Emery 76-13
hoppingi Lilj. 45-222 B.C.
- Sphingocephalus** Lilj. 45-206
ovalis Lilj. 45-206 Fla.
- ventralis Werner 45-444 Colo.
magnomaculata Martin 32-169 Cal.
corvina (Lec.) 58-21 Kan.-Ariz.
nigerrima Dugès 69-162 ⁶⁶
funelbris Horn 73-102 Kan.-Tex.-N.M.
pennsylvanica (Deg.) 75-15 Me.-Fla.-
nigra Woodh. 00-213 ⁶⁶ [Tex.-
pennsylvanica Lec. 53-329 ⁶⁶ [Mont.
morio Lec. 53-447 ⁶⁶
conferta (Say) 24-281 Iowa-Tex.
technus (Hald.) 52-377 ⁶⁶
parva (Hald.) 52-377 Colo. Kan. Neb.
parvula Hald. 53-40 ⁶⁶ [Wyo.
fallax Horn 85-111 Nev. Cal.
albolineata (Dugès) 77-64 Ariz. Mex.
duplicata Csy. 91-172 ⁶⁶
uniforma Werner 44-67 Colo. Tex. Ariz.
alpina Werner 44-67 Tex. N.M.
mimetica (Horn) 75-154 Tex. Ariz.
brunnea Werner 44-67 Colo. Tex. Ariz.
ingrata Fall 07-258 Colo. N.M. Ariz.
cinerea (Forst.) 71-62 N.H.-S.C.-Ia.
clematides (Woodh.) 00-213 ⁶⁶
fissilabris (Lec.) 50-339 Man. L.Sup.
H.B.T.
solani Werner 45-457 Atl.St.-Rocky Mts.
floridensis Werner 44-68 N.J. Fla. Miss.
rudosana Fall 07-258 Tex. Ariz.
punctipennis Werner 44-68 Tex.
balli Werner 44-460 Ariz.
oregona Horn 75-153 Mont.-Colo.-Ariz.-
[B.C.
Cal.
ensiformis Werner 44-68
stuarti Lec. 68-54 Kan. Colo. N.M.
lemniscata (Fab.) 01-279 N.J.-Fla.-
[Tex.-Neb.
vittata (Fab.) 75-260 Me.-N.J.-Iowa
chapmani (Woodh.) 00-214 ⁶⁶
occidentalis Werner 44-69 Neb.-La.-Tex.
ferruginea (Say) 23-298 Iowa-Tex.-
[Ariz.-Ida.
fortis Werner 44-69 Ariz. N.M.
strigosa (Gyll.) 17-18 Mass.-N.C.-Fla.-
nigricornis (Melsh.) 47-53 ⁶⁶ [Miss.
batesii Horn 75-153 N.J.-Fla.
callosa Lec. 66-158 Neb.-Tex.
sericans Lec. 66-158 Ala.-Ariz.-Alb.
atrata (Fab.) 75-260 Md.-N.C.-Tex.-
trichus (Pallas) 89-100 ⁶⁶ [Neb.
coracina (Ill.) 04-171 ⁶⁶
convolvuli Melsh. 48-53 ⁶⁶
trichura Wellm. 10-24 ⁶⁶
pruinosa Lec. 66-158 Man.-Colo.-Wash.
immerita Walker 66-330 Ore.-B.C.
piceiventris Mayd. 34-327 Colo.-Ida.
elongatocalcarata Mayd. 34-328 ⁶⁶
sanguinicolis Horn 74-37 Fla.
puncticollis (Mannh.) 43-288 Cal.-Wash.-
[Mont.
oblita (Lec.) 51-162 Cal.
barberi Werner 44-69 Cal.
kansana Werner 44-70 Kan.
calcarata Werner 44-70 Tex. N.M.
heterodera Horn 91-43 Ga.-Fla.-Miss.
zeatoni Blatch. 18-58 ⁶⁶
californica Werner 45-479 Cal.
maura || (Lec.) 51-162 ⁶⁶

RHIPIPHORIDÆ

- Rhipiphorus** Fourc. 91-327
(*Rhipiphorus* Bosc 92-293)⁶³
dammeri Barb. 39-19 Cal.
- Ripidius** Thunb. 06-5
(*Rhipidius* of authors)⁶³

STYLOPIDÆ ⁶⁴

(Strepsiptera, Xenida)

- Diozocera** ⁶⁵
comstocki Pierce 41-6 W.Anacapa I.
[(Cal.)

MELOIDÆ

- Epicauta** Dej. 33-224
* (*Causima* Dej. 37-248)⁶⁶
(*Henous* Hald. 52-377)⁶⁶
(*Isopentra* Muls. 58-106)⁶⁶
(*Macrobasis* Lec. 58-39)⁶⁶
(*Apterospasta* Lec. 58-39)⁶⁶
(*Nomaspis* Lec. 66-156)⁶⁶
(*Gnathospasta* Horn 75-154)⁶⁶
abadona Skinn. 04-217 Ariz. Mex.
mutchleri Mayd. 34-331 ⁶⁶
abandona Mayd. 34-331 ⁶⁶
alastor Skinn. 04-217 Colo. Tex. Cal.
insignis Horn 85-110 Tex.-Ariz.
nigritarsis (Lec.) 53-340 Tex. N.M.
crassitarsis Mayd. 35-72 Ariz.
pedalis Lec. 66-157 Ariz. L.Cal.
maculata (Say) 23-298 Mo.-N.D.-Tex.-
conspecta Lec. 53-340 ⁶⁶ [Ariz.
nogales Werner 44-65 Ariz.
normalis Werner 44-65 Mont.-Ariz.-Cal.
phoenix Werner 44-66 Ariz.
pardalis Lec. 66-157 Tex.-Ariz. Mex.
andersoni Werner 44-66 Kan.-Tex.-Ariz.
- ventralis Werner 45-444 Colo.
magnomaculata Martin 32-169 Cal.
corvina (Lec.) 58-21 Kan.-Ariz.
nigerrima Dugès 69-162 ⁶⁶
funelbris Horn 73-102 Kan.-Tex.-N.M.
pennsylvanica (Deg.) 75-15 Me.-Fla.-
nigra Woodh. 00-213 ⁶⁶ [Tex.-
pennsylvanica Lec. 53-329 ⁶⁶ [Mont.
morio Lec. 53-447 ⁶⁶
conferta (Say) 24-281 Iowa-Tex.
technus (Hald.) 52-377 ⁶⁶
parva (Hald.) 52-377 Colo. Kan. Neb.
parvula Hald. 53-40 ⁶⁶ [Wyo.
fallax Horn 85-111 Nev. Cal.
albolineata (Dugès) 77-64 Ariz. Mex.
duplicata Csy. 91-172 ⁶⁶
uniforma Werner 44-67 Colo. Tex. Ariz.
alpina Werner 44-67 Tex. N.M.
mimetica (Horn) 75-154 Tex. Ariz.
brunnea Werner 44-67 Colo. Tex. Ariz.
ingrata Fall 07-258 Colo. N.M. Ariz.
cinerea (Forst.) 71-62 N.H.-S.C.-Ia.
clematides (Woodh.) 00-213 ⁶⁶
fissilabris (Lec.) 50-339 Man. L.Sup.
H.B.T.
solani Werner 45-457 Atl.St.-Rocky Mts.
floridensis Werner 44-68 N.J. Fla. Miss.
rudosana Fall 07-258 Tex. Ariz.
punctipennis Werner 44-68 Tex.
balli Werner 44-460 Ariz.
oregona Horn 75-153 Mont.-Colo.-Ariz.-
[B.C.
Cal.
ensiformis Werner 44-68
stuarti Lec. 68-54 Kan. Colo. N.M.
lemniscata (Fab.) 01-279 N.J.-Fla.-
[Tex.-Neb.
vittata (Fab.) 75-260 Me.-N.J.-Iowa
chapmani (Woodh.) 00-214 ⁶⁶
occidentalis Werner 44-69 Neb.-La.-Tex.
ferruginea (Say) 23-298 Iowa-Tex.-
[Ariz.-Ida.
fortis Werner 44-69 Ariz. N.M.
strigosa (Gyll.) 17-18 Mass.-N.C.-Fla.-
nigricornis (Melsh.) 47-53 ⁶⁶ [Miss.
batesii Horn 75-153 N.J.-Fla.
callosa Lec. 66-158 Neb.-Tex.
sericans Lec. 66-158 Ala.-Ariz.-Alb.
atrata (Fab.) 75-260 Md.-N.C.-Tex.-
trichus (Pallas) 89-100 ⁶⁶ [Neb.
coracina (Ill.) 04-171 ⁶⁶
convolvuli Melsh. 48-53 ⁶⁶
trichura Wellm. 10-24 ⁶⁶
pruinosa Lec. 66-158 Man.-Colo.-Wash.
immerita Walker 66-330 Ore.-B.C.
piceiventris Mayd. 34-327 Colo.-Ida.
elongatocalcarata Mayd. 34-328 ⁶⁶
sanguinicolis Horn 74-37 Fla.
puncticollis (Mannh.) 43-288 Cal.-Wash.-
[Mont.
oblita (Lec.) 51-162 Cal.
barberi Werner 44-69 Cal.
kansana Werner 44-70 Kan.
calcarata Werner 44-70 Tex. N.M.
heterodera Horn 91-43 Ga.-Fla.-Miss.
zeatoni Blatch. 18-58 ⁶⁶
californica Werner 45-479 Cal.
maura || (Lec.) 51-162 ⁶⁶

⁶² Transferred from Anaspis by Liljeblad—45.⁶³ Barber—39.⁶⁴ Not a separate order, Blackwelder—45.⁶⁵ Transferred to Halictophagidæ by Pierce—41.⁶⁶ Werner—45; revision of genus.

alpinus Horn 74-78 Cal.
 caryocaps Horn 73-99 Utah, Ariz.
 impressifrons VanD. 29-32 Cal.
 rileyi Horn 74-77 Ariz., Mex.
 strabus Horn 91-92 Cal., Wash.
foxi VanD. 29-127 **

excavatifrons Mayd. 34-330 Fla., Ala.
 [Miss.
 rehni Mayd. 34-329 Ariz.
 wheeleri Horn 73-101 Ariz.
 diversipubes Mayd. 34-333 Tex., N.M.
 aspera Werner 44-70 Colo., Tex., Ariz.
 immaculata (Say) 23-304 Ind., Tex., N.M.

articularis (Say) 23-304 **
fulvescens (Lec.) 53-117 **
 segmenta (Say) 23-303 Neb., Tex., Ariz.
segmentata (Lec.) 53-342 **
valida (Lec.) 53-39 **

sublineata (Lec.) 53-447 Tex., Mex.
megacephala Champ. 92-102 **

laeta (Horn) 85-108 Tex., Cal.
 tenella (Lec.) 58-23 Tex., Ariz.
 merckiana Horn 91-43 Ariz., Mex.
 ochrea (Lec.) 53-342 Tex., Cal., Mex.
protarsalis Dugès 78-63 **

gissleri Horn 78-58 N.M., Ariz.
 parkeri Werner 44-71 Ariz.
 fabrieni (Lec.) 53-343 Me., Ga., N.M.,
cinerea (Fabr.) 98-119 ** [Main.
debilis (Lec.) 53-344 **

unicolor of Horn 73-92 **
 murina (Lec.) 53-341 N.B., Mont., Colo.
unicolor ? (Kby.) 37-241 **

subglabra (Fall) 22-173 Man., Ida., ? Ariz.
 flavocinerea (Blatch.) 10-1359 Ont., Tex.
 languida (Horn) 95-252 L. Cal.
 tenuilineata (Horn) 91-436 Ariz., Mex.
 excors (Fall) 99-166 L. Cal.

tenuis (Lec.) 53-343 Ga., Fla.
 purpurea (Horn) 85-108 Ariz.
 polingi Werner 44-71 Tex., Ariz.
 hebecki Werner 44-72 Ariz., Mex.
 arizonae Werner 44-72 Ariz., Mex.

torsa (Lec.) 53-343 Mass., Fla., Tex.
 longicollis (Lec.) 53-343 Tex., Cal.
 atrivittata (Lec.) 54-224 Tex., N.M., Mex.
 albida (Say) 23-305 Okla., N.M., Colo.

luteicornis Lec. 54-84 **
 texana Werner 44-73 Tex.
 virgulata (Lec.) 66-156 Tex., L. Cal., Mex.
hirsutipubes Mayd. 34-334 **

linearis (Lec.) 58-23 Tex., N.M.
 maculifera (Mayd.) 34-335 Ariz.
 (lexettei Csy. 91-171 Not N. Amer. **)

trichrus
convolvuli (Melsh.) 46-53 (not 18-53) **

strigosa
nigricornis (Melsh.) 46-53 (not
 [18-53] **)

Macrobasis

fabrieni Lec. 53-343 **

** Werner --15; revision of genus.

** Parker in litt.

** W. J. Brown --40.

** See also under *Epicauta*, above.

** Maehler --39.

** Key to species, Werner --43.

** Key to species, Linsley--42.

cinerea Fabr. 98-119 **
debilis Lec. 53-344 **
unicolor of authors **
 murina Lec. 53-341 **
unicolor Kby. 37-241 (part) **
 subglabra Fall 22-173 **
 murina Fisher 19-1 (part) **

Lytta

agrestis Fall Ariz. **
 cribrata Lec. Ariz. **
 nevadensis VanD. 47-155 Nev.
 rathroni Lec. 53-335 (not 56-335) **

Tetraonyx

frontalis Chev. 34-11 (not 33-11) **

Pleuropomphia Lec. 62-273 **

* costata Lec. 54-84 Tex., N.M., Ariz.
 tricostata Werner 43-32 Tex., N.M., Ariz.

Hornia Riley 77-561 **

(Leonia) Dugès 89-211 **
(Leontia) Ckll. 00-11 **
 neomexicana (Ckll.) 99-416 Kan., Tex.,
gigantea Wellm. 41-16 ** [N.M.,
anthophorae Mickel 28-38 **
 minutipennis Riley 77-561 D.C., Mo.,
 [Mont.
 occidentalis Linsley 42-176 Cal.
 boharti Linsley 42-177 Cal.

PYTHIDÆ

Cononotus **

bryanti VanD. 39-18 Ariz.
 luncheateri VanD. 39-19 Ida., Utah

PYROCHROIDÆ

Ischalia

culiformea VanD. Cal. **

Dendroides

marginata VanD. 28-259
pacificus Barrett 32-171 **

ANTHICIDÆ

Notonys

murimpennis (Lec.) 24-170 **
biolor Say 17-14 **
 (not Olivier, 1795)

CEBRIONIDÆ

Cebrio

abnormis Werner 43-31 Ariz.
 atokanus Werner 43-35 Okla.
 bruesi Werner 43-36 Ariz.

** Linsley --42.

** Key to species, Van Dyke --39.

** Linsley & Michener --43.

** Van Dyke --39.

** Corrected synonymy and citations, Barber
 --41.

ELATERIDÆ

Plastocerinae⁷⁸

Plastocerus

- campanulatus VanD. 46-82 Cal.
 gracilior VanD. 46-82 Tex.
 jeffersonianus Knull 41-381 Tex.
 coronadi Knull 41-381 N.M.

Euthysanius⁷⁸

- wagneri VanD. 43-42 Cal.

Aplastus⁷⁸

- piceus VanD. 43-43 Cal.
 acutus Knull. 46-142 Ida.

* * *

Laeon Lap. 36-11⁷⁹Adelocera Latr. 29-401^{79 80}

- mexicana Cand. 57-70 Fla. Ala. Mex.
 nobilis Fall 32-58⁸¹

Conoderus Esch. 29-31

(Conoderus Leng & M. 33-83)

HETERODERES Latr. 34-155

- laurentii Guér. 38-31^{81 82} Fla. Ala. Cal.
 [S.A.]

amplipollis of VanD. 32-298^{81 82}attenuatus Cand. 59-373⁸¹fuscus Blatch. 25-163⁸²fuscus VanD. (Fall 34-9)⁸²planidiscus Fall 29-56⁸²

arizonicus VanD. 39-11

bicariniatus VanD. 32-297^{81 82}

(not Reitter, 1891)

duplicatus VanD. 43-44

Limoniis

- meridianus Knull 47-177 Ohio
 pubicollis Lec. 53-429⁸³ Fla.-Tex.
 olentangyi Knull 47-179 Ohio
 infuscatus Mots. 59-371 ?Ariz.⁸¹ Cal.-

canus Lec. 53-433⁸¹ Cal. Wash.
 [Wash.]

discoideus Lec. 61-348⁸¹

cribriceps VanD. 43-44 Cal.

arizonicus VanD. 43-45 Ariz.

rufihumeralis Lane 41-133 Alb.-Ore.

lanchesteri Lane 41-135 Ida.

humidus Lane 41-137 Ore. Wash.

Denticollis P. & M. 83-86⁸⁴(Lepturoides Hbst. 84-103)⁸⁴Ctenicera Latr. 29-403⁸⁴(Ludius Esch. 29-34)⁸⁴

sierræ (VanD.) 43-48 Cal.

nigricans (Fall) 10-135⁸⁶ Cal.

rotundicollis (Say) 25-259 Vt.-Ind.

s. diversicolor (Esch.) 29-34⁸⁶ Cal.

laricis (W. Brown) 39-46 B.C.

- comes (W. Brown) 39-48 B.C. Ore.
 captiosus (W. Brown) 39-49 Ida.
 angusticollis Mannh. 43-241 (not 43-271)⁸⁷
 robinsoni (Knull) 47-180 Tex.

Hypolithus Esch. 29-33⁸⁴(Cryptohypnus Esch. 36-105)⁸⁴(Hypnoidus Steph. 30-200)⁸⁴

Dalopius

- alleghehiensis Knull 47-90 Pa. Ohio
 ohioensis Knull 47-91 Ohio

Melanotus

- longulus Lec.⁸⁵
 oregonensis Lec.⁸⁵
 oregonus VanD. 43-51

MELASIDÆ

Isorhipis B. & L. 35-620⁸⁸

obliqua (Say) 39-187

ruficornis of authors⁸⁹

Fornax

- orchesides Newm. 38-384
 molestus Bonv. 70-376⁹⁰
 canadensis Brown 40-184 Ont.

Dirhagus Latr. 34-130

(Hyporhagus Rtt. 21-81, subg.)⁹¹(Microhagus B. & L. 35-620)⁹¹

wrighti Knull 46-246 Fla.

imperfectus (Lec.) 52-48 Mass.-Ohio⁹²

Hylis Gozis 86-21

(Hylus VanD. 43-51)

HYPOCELUS Esch. 36-4⁸¹

robustus VanD. 43-51 Cal.

arizonicus VanD. 45-103 Ariz.

BUPRESTIDÆ

Aemaodera

- holsteni White 39-71 Cal.
 perlanosa Timb. 39-179 Cal.
 palmarum Timb. 39-181 Cal.
 perforata Cazier 40-17 Tex.
 inyoensis Cazier 40-18 Nev.⁹⁹ Cal.
 fisheri Cazier 40-19 Cal.
 ligulata Cazier 40-20 N.M. Ariz.
 parkeri Cazier 40-22 Ariz. Mex.
 discalis Cazier 40-24 Ariz. Tex.
 pullata Cazier 40-57 Cal.
 barri Cazier 40-58 Cal.
 tuta Horn 78-11 Nev.⁹⁹
 duboisi Cazier 38-138⁹³
 paradisiuncta Knull 40-36 Tex. Mex.
 gillespiensis Knull 41-98 Tex.
 adenostomensis Knull 41-691 Cal.
 curtilata Knull 41-692 Cal.

⁸⁴ Dietrich—45 and M. C. Lane in litt.⁸⁵ Valid species, Van Dyke—43.⁸⁶ Valid subspecies, Van Dyke—43.⁸⁷ W. J. Brown—39.⁸⁸ Citation from Blackwelder—44.⁸⁹ W. J. Brown—40.⁹⁰ Blackwelder—44.⁹¹ Knull—46.⁹² Cazier—40.⁹³ Barr—41.⁷⁸ Transferred from Cebriidae by Van Dyke—43.⁷⁹ Transpose these two names, Dietrich—45 and M. C. Lane in litt.⁸⁰ Placed in subfamily Elaterinae by Van Dyke—43.⁸¹ Van Dyke—43.⁸² Van Dyke—39.⁸³ Valid species, Knull—47.

<i>yvinae</i> Knull ⁹⁴	Ariz. Cal. ⁹⁹	<i>dimota</i> Fall	Tex. ⁹⁹
<i>ephedra</i> Barr 42-113	Cal.	<i>falli</i> Kerr.	Tex. ⁹⁹
<i>linsleyi</i> VanD. 43-101	Cal.	<i>opacula</i> Lec.	N.M. ⁹⁹
<i>moronga</i> VanD. 43-102	Cal.	<i>rossi</i> Cazier	Ariz. Cal. ⁹⁹
<i>lucina</i> VanD. 42-103	L. Cal.	<i>jaguarina</i> Knull	Ariz. Cal. ⁹⁹
<i>laguna</i> VanD. 43-104	L. Cal.	<i>pinatorum</i> Knull 30-15	Ariz. Cal. ⁹⁹
<i>transversa</i> VanD. 43-105	L. Cal.	<i>sinuata</i> VanD.	
<i>nautica</i> VanD. 43-106	Cal.	<i>v. sexnotata</i> VanD.	Ore. ⁹⁹
<i>fisheri</i> Cazier			
<i>viverriculata</i> Knull 47-171	Ariz. Cal.	<i>Acmeocoderoidea</i> VanD. 42-108	
<i>opacula</i> Lec. 58-82	N.M. ⁹⁹	<i>insignis</i> (Horn) 94-377 ¹	Cal. L. Cal.
<i>amabilis</i> Horn 78-7 ⁹³			
<i>cribricollis</i> Horn 94-375	Nev. ⁹⁹ Ariz. Cal.	<i>Paratyndaris</i>	
<i>barrea</i> Fall 07-241 ⁹³		<i>gracissima</i> Parker 47-31	Ariz.
<i>conata</i> Lec. 58-70	Ariz. ⁹⁹	<i>obscure</i> Skinn.	Ariz. L. Cal. ¹ Cal. ¹
<i>conata</i> Lec. 63-43		<i>obscure</i> VanD. 45-109	
<i>acuta</i> Lec.	Utah ⁹⁹ Ore. ⁹⁵	<i>serandalli</i> Knull 41-694	Tex.
<i>angelica</i> Fall	Ore. ⁹⁵ ¹	<i>albolineata</i> Knull	L. Cal. ¹
<i>venexa</i> Fall 22-89 ⁹⁸	Ore. ⁹⁵ ⁹⁹		
<i>bishopiana</i> Fall	Ore. ⁹⁵		
<i>fenyesi</i> Fall	Ore. ⁹⁵		
<i>gemma</i> Horn	Ariz. ⁹⁹ Nev. ⁹⁹ Ore. ⁹⁵		
<i>hepburni</i> Lec.	Ore. ⁹⁵		
<i>labyrinthica</i> Fall	Nev. ⁹⁹ Ore. ⁹⁵		
<i>mariposa</i> Horn	Ore. ⁹⁵		
<i>plagiaticauda</i> Horn	Ore. ⁹⁵ ¹ ⁹⁹		
<i>sinuata</i>			
<i>v. sexnotata</i> VanD.	Ore. ⁹⁵		
<i>purshae</i> Fisher Utah ⁹⁹ Nev. ⁹⁹ Cal. ² Ore. ⁹⁵			
<i>purshae</i> Beer 44-108			
<i>vandykei</i> Fall	Nev. ⁹⁹ Ore. ⁹⁵		
<i>variegata</i> Lec.	Ore. ⁹⁵		
<i>variegata</i> Beer 44-109			
<i>flavomarginata</i> Gray	L. Cal. ⁹⁶ ⁹⁹		
<i>scipularis</i> Horn	L. Cal. ⁹⁶		
<i>adenostomae</i> Cazier 39-137	Cal.		
<i>biedermani</i> Skinn.	Cal. ⁹⁹		
<i>cribricollis</i> Horn	Nev. Ariz. Cal. ⁹⁹		
<i>dolorosa</i> Fall	Utah ⁹⁹		
<i>flavosticta</i> Horn	L. Cal. ⁹⁹		
<i>gemma</i> Horn 78-23	Ariz. Nev. ⁹⁹		
<i>wickenburgiana</i> Knull 39-28	Ariz.		
<i>gibbula</i> Lec.	Tex. ⁹⁹ L. Cal. ⁹⁶ ⁹⁹ Mex. ⁹⁹		
<i>hepburni</i> Lec.	Nev. ⁹⁹		
<i>hullii</i> Knull	Cal. Ariz. Mex. ⁹⁹		
<i>insignis</i> Horn	Cal. ⁹⁵ ⁹⁹ Ariz. ⁹⁹		
<i>junki</i> Thery	Cal. Ariz. Tex. ⁹⁹		
<i>lanata</i> Horn	Nev. ⁹⁹		
<i>latilava</i> Fall	Nev. ⁹⁹		
<i>lucra</i> Fall	N.M. Utah ⁹⁹		
<i>quadrivittata</i> Horn	N.M. Colo. Utah		
	Mex. ⁹⁹		
<i>robusta</i> Horn	Nev. ⁹⁹		
<i>viridrosuffusa</i> Fall	Nev. ⁹⁹		
<i>sabulosa</i> Cazier 39-138	Cal.		
<i>sabinae</i> Knull	Cal. ⁹⁹		
<i>vulturei</i> Knull	Ariz. ⁹⁹		
<i>bivulnera</i> Horn	Ariz. Mex. ⁹⁹		
<i>bowditchi</i> Fall	Tex. Utah ⁹⁹		

⁹⁴ Not a variant of *aurora* Fall, as supposed by Cazier, Knull 41.

⁹⁵ Beer—44.

⁹⁶ Van Dyke—45.

⁹⁷ Timberlake—39.

⁹⁸ White—39.

⁹⁹ Barr—41.

¹ Beer—40.

² Linsley & Michener—43.

³ Transferred from *Acmeocodera* by Van Dyke—42.

⁴ Van Dyke—45.

⁵ Key to tribe, Obenberger—39.

⁶ Key to species, Cazier—39.

⁷ Cazier—41.

⁸ Rearrangement, Cazier—41.

⁹ W. J. Chamberlin in litt.

¹⁰ Transferred from *Buprestini*, Van Dyke—42.

¹¹ In 4th Supplement, footnote 8 should read

Van Dyke—34.

¹² Obenberger—39; revision.

SCHIZOPINI ^{5,8}

Schizopus ⁶

¹ (*Yermocella* Obenb. 39-263 ¹²)

ketus Lec. 58-70

helteri (Obenb.) 39-264 ⁷

salleri Horn 85-115

Glyptoseclimorpha Horn 93-137

¹ *marmorata* Horn 93-137

viridis Chamb. 31-47

Dystaxia Lec. 86-385

¹ *elegans* Fall 05-71

Dystaxiella Knull 40-362

¹ *pumpeae* Knull 40-362 Cal.

murrayi Lec. 66-385

lecontei Thoms 79-6 ⁷

scuprea Knull 47-72 Cal.

* * *

Agrocera

gentilis Horn. Tex. N.M. Mex. ⁴

s. peninsularis VanD. 45-107 L. Cal.

Hippomelas

carolinensis Horn 83-288 (not 76-288) ⁹

femorata Knull 41-386 Cal.

pygmaea Knull 41-386 Tex.

brunneata Knull 47-210 Cal.

NANULARIA Csy. 09-172 ¹⁰

granulatus VanD. 42-111 L. Cal.

myoensis VanD. 42-112 Cal.

eupreofusca (Csy.) 09-173 ¹⁰ Cal.

californica (Horn) 75-117 ¹⁰ Cal.

Dicera ¹¹

divaricata (Say) 23-163 (not 23-13) ¹²

quercii Knull 44-694 Cal.

s. cajonensis Knull 44-90 Cal.

strandmanni Knull 47-174 Tex.

Hesperorhipis ¹³

hyperbolus Knull 38-137 Ariz.

s. californicus Knull 47-70 Cal.

Cinyra

- cuprescens Knull 40-363 Ariz.
roburella Knull 41-99 Tex.

Buprestis L. 58-408

- * (*Incylochira* Esch. 29-9)¹²
(*Gymnota* Gistl 34-10)¹²
(*Anoplis* Kby. 37-151)¹²
(*Sterosa* Csy. 09-116, subg.)¹²
(*Cypriacus* Csy. 09-116, subg.)¹²
apricans Hbst. 01-125 N.Y.-Fla.-Tex.
 nigricornis (Sturm) 26-105¹²
 aciculata Dej. 37-88¹²
 bosci L. & G. 37-146¹²
 cribripennis Csy. 09-127¹²
decora (Fab.) 75-217 N.J.-Fla.-Tex.
salisburyensis (Hbst.) 01-174 Mass.-Ga.-
 ultramarina Say 36-160¹² [Wis.
 decora of Csy. 09-127¹²
 scazieri Helfer 46-100 N.Y., N.J.
aurulenta L. 67-661 Wyo.-Mex.-Cal.-
 lauta (Lec.) 54-17¹² [B.C.
 radians (Lec.) 54-17¹²
 villosa (Lec.) 73-331¹²
 fabulosa Csy. 09-120¹²
 amula Csy. 09-121¹²
 tacomæ Csy. 09-121¹²
 nupta Csy. 09-122¹²
 venusta Csy. 09-122¹²
 prospera Csy. 09-123¹² 13
 affinis Csy. 09-123¹²
 adulans Csy. 09-123¹²
 bicostata Dej. 37-88¹²
 chrysochlora (Phil.) 64-314¹²
sulcicollis (Lec.) 59-209 N.S.-N.J.-Que.
 lateralis Csy. 09-119¹²
striata (Fab.) 75-217 Que.-Fla.-Tex.-
 obscura Csy. 09-125¹² [Ont.
 impedita Say 36-160¹²
 canudensis Csy. 09-124¹²
intricata Csy. 09-118 Wyo. N.M. Cal.
 contorta Hopp. 33-84¹² [B.C.
 murrayana Hopp. 34-174¹²
adjecta (Lec.) 54-17 Wyo.-N.M.-Cal.-
 brevis Csy. 09-117¹² [B.C.
connexa Horn 75-148 Nev. Cal.-Wash.
langi (Mannh.) 43-237 H.B.T.-N.M.-
 ornata Walk. 66-324¹² [Cal.-B.C.
 bistrinotata Csy. 09-108¹²
 angusta Csy. 09-108¹²
 callida Csy. 09-108¹²
 fastidiosa Csy. 09-109¹²
 mediocris Csy. 09-109¹²
 crenata Csy. 09-110¹²
 seditiosa Csy. 09-110¹²
 leviceps Csy. 09-110¹²
 depressa Csy. 09-111¹²
 viridimicans Csy. 09-111¹²
 incolumis Csy. 09-112¹²
 oregona Csy. 09-112¹²
 obliqua Csy. 09-113¹²
 patruelis Csy. 09-113¹²
 graminea Csy. 09-113¹²
fasciata (Fab.) 87-177 Que.-Ga.-Wis.
 sexmaculata Hausm. 99-30¹²
 sexplagiata (Lec.) 59-205¹²
 therminieri Chev. 38-68¹²
 fulgens Csy. 09-107¹²
 fortunata Csy. 09-107¹²
 saturata Csy. 09-114¹²
lineata (Fab.) 75-217 N.S.-Fla.-Tex.-Ind.
 davisi Nic. & W. 18-95¹²
maculipennis Gory 40-118 N.J.-Fla.-Tex.
 inconstans Melsh. 46-146¹²
 deficiens Csy. 09-91¹²
 fusiformis Csy. 09-91¹²
 reducta Csy. 09-92¹²
 scripta Csy. 09-92¹²
 leporina Csy. 09-92¹²
maculativentris Say 24-272 N.S.-Pa.-
 [Okla.-Man.
 sexnotata L. & G. 37-129¹²
 maculiventris G. & H. 69-1378¹²
 maura L. & G. 38-131¹²
subornata (Lec.) 59-208 Kan.-Cal.-B.C.
 punctiventris Csy. 09-99¹²
 rubronotans Csy. 09-97¹²
 violescens Csy. 09-99¹²
 adonea Csy. 09-97¹²
 histrion Csy. 09-98¹²
rusticorum (Kby.) 37-151 Man.-Tex.-
 paganorum (Kby.) 37-152¹² [Cal.-
 lecontei Saund. 71-40¹² [B.C.
 acomana Csy. 09-101¹²
 morosa Csy. 09-101¹²
 fusca Csy. 09-101¹²
 sublivida Csy. 09-102¹²
 caliginosa Csy. 09-102¹²
 nigricans Csy. 09-102¹²
 lyrata Csy. 09-103¹²
 adducta Csy. 09-103¹²
nuttalli (Kby.) 37-152 Me.-Va.-Cal.-
 consularis Gory 40-120¹² 13 [Alas.
 alternans (Lec.) 59-207¹²
 conicicauda Csy. 09-93¹²
 diruptans Csy. 09-94¹²
 contorta Csy. 09-95¹²
 gravidula Csy. 09-95¹²
 torva Csy. 09-96¹²
 boulderensis Csy. 09-96¹²
 flavopicta Csy. 09-96¹²
 s.leviventris (Lec.) 57-43 Ariz. Cal.-
 pugetana Csy. 09-94¹² [Wash.
 dilatata Mots. (Lec.) 73-331¹²
rufipes (Oliv.) 90-16 Pa.-Fla.-Tex.-Kan.
 virens Csy. 09-105¹²
 elongata Csy. 09-105¹²
gibbsi (Lec.) 57-42 Cal.-Wash.
viridisuturalis Nic. & W. 18-100 Cal. Ore.
 parallela Obenb. 22-92¹²
 parallela Helfer 41-177
 lesnei Garnett 22-9¹²
fremontiae Burke 24-70 Cal.
confluenta Say 23-159 Que.-B.C.-Tex.-
 confluens (Lec.) 59-206¹² [Cal.
 tesellata Csy. 09-104¹²
Xenorhipis¹¹⁴
 vejdovskyi Obenb. 39-338 Conn.
Juniperella Knull 47-69
 mirabilis Knull 47-69 Cal.

¹² Helfer—41; revision of genus. (Parentheses are copied from this paper; they appear to be misapplied.)

¹³ Considered a valid species by Knull—47.

Melanophila¹⁴

- intrusa* Horn 82-105 Ore.¹⁵
occidentalis Obenb. 28-209 Ore.¹⁵
notata L. & G.
a.sloopi Obenb. 44-318 Fla.
a.elegans Sloop^{14a} Ariz.
a.hornmella Obenb. 44-318 Ga.
a.paupera Obenb. 44-318 N.C.
a.opaca Lec.^{14a} Ga. Fla.
conspua Lec.
a.franciscana Obenb. 44-318 Cal.
a.occitanea Obenb. 44-318 Cal.
a.chamberlini Obenb. 44-318 Cal.
a.isolata Obenb.^{14a} Cal. Ariz.
a.monochroa Obenb.^{14a} Cal.

PHAENOPS

- californica* VanD.
a.tetrastictula Obenb. 44-319 Cal.
a.monostigma Obenb. 44-319 Cal.
a.vandykeana Obenb. 44-319 Cal.
horni Obenb. 44-319 N.Y.
a.immaculatella Obenb. 44-319 N.Y.
fulvoguttata Harris
a.oetospilota L. & G.^{14a}
a.pacifica Obenb. 44-320 Cal.
a.harrisi Obenb. 44-320 Pa.
a.decolorata L. & G.^{14a} Cal.
drummondi Kby.
a.plagifera Obenb. 44-320 Cal.
a.lanchesteri Obenb. 44-320 Cal. Ore.
a.nicolayi Obenb. 44-320 N.H.
a.qurshfieldi Obenb. 44-320 Ore.
a.monostictula Obenb. 44-320 Cal.
a.tristictula Obenb.^{14a}
s.abietis Ch. & Kn.^{14a}
lecontei Obenb.
a.oregonica Obenb. 44-321 Ore.
a.burkei Obenb. 44-321 Ore. Kan.
caseyi Obenb. 44-321 Cal.
vandykei Obenb. 44-321 Cal.

Anthaxia

- californica* Van Dyke 18-51¹⁵
oregonensis Obenb. 42-127 Ore.
wallowae Obenb. 42-128 Ore.
neofunerula Obenb. 42-129 N.H.

Chrysobothris¹⁰

- lixa* Horn 86-101 (not 86-108)¹⁶
cyaneella Horn Ore.¹⁵
calcarata Chamb. Ore.¹⁵
quadrilineata Lec. Cal.¹⁷
debilis Lec. 59-236 Ohio Tex.-Cal.
disjuncta Lec. 59-236¹⁵
v.lateralis Waterh. 89-47 Tex. L. Cal.
rossi VanD. 42-117 [Mex.¹⁸
michelbacheri VanD. 42-120 L. Cal.
martha VanD. 42-122 L. Cal.
chamberlini Fisher 42-40
calcarata J. Chamb. 38-12¹⁰
atriplexae Fisher 42-45 Cal.
prosopidis Fisher 42-70 Tex. Ariz.
helferi Fisher 42-92 Cal.
neopussilla Fisher 42-102 Va.-W. Va. N.C.

- hubbardi* Fisher 42-174 Fla.
wickhami Fisher 42-209 Ariz.
fiskei Fisher 42-221 Tex.
ephebrae Knull 12-390 Tex. N.M.
culbersoniana Knull 43-34 Tex.
crandalli Knull 43-34 Ariz.
paragrindebae Knull 43-42 Cal.
verdevalis Fisher 43-202 Ariz.
santarosae Knull 47-70 Cal.
distincta Gory Cal.^{19a}
chamberlini Obenb. 40-93 Cal.
vandykeana Obenb. 40-94 Cal.
pseudocautipennis Obenb. 40-94 Tex.
acutipennis J. Horn 86-101

Actenodes¹⁹

- simi* Fisher 40-176 R.I.-Tex.

Agrilus

- politus* (Say) 25-251 (not 25-241)¹⁶
derasofasciatus B. & L. 35-613 N.Y.²⁰
hualpaii Knull 39-30 [Eur.
catalinae Knull 40-556 Ariz.
limpia Knull 41-283 Tex.
cliftoni Knull 41-382 Ohio.
patagoniensis Knull 41-384 Ariz.
davisi Knull 41-385 Tex.
peninsularis VanD. 42-126 L. Cal.
diostpyroides Knull 42-390 Tenn.
frisoni Fisher 43-201 Tex.
palmerleei Knull 44-76 Ariz.
amelanchieri Knull 44-80 Ariz.
cladrastis Knull 45-80 Ky.
chalcogaster VanD. 46-83 Cal.
gillespiensis Knull 47-70 Tex.

Pachyschelus

- uvuldei* Knull 41-387 Tex.

Taphrocerus

- agriloides* Cr. 73-96 (not 73-76)¹⁶
schaefferi N. & W. Ariz. L. Cal. Mex.²¹
huachuacanus Knull 44-90 Ariz. N.M.
mercedensis White 47-182 Cal.

Mastogenius^{11b}

- knulli* Obenb. 39-79 Tex.

ELMIDÆ**Stenelmis**

- sandersoni* Musgr. 40-48
tarsalis Sandn. 38-675
(not Delève, 1937)

Elmis

- thermarum* Darl. 28-5 Nev.²²

DASCILLIDÆ**Eurypogon**

- harrisi* (Westw.) 62-374²³ Que.-Va.-
[Mich.
lineato-punctatus (Westw.) 62-375²⁴

¹⁴ 4th Suppl. reference in footnote 16 should be Obenberger—36.

^{14a} Obenberger—44.

¹⁵ Beer—40.

¹⁶ W. J. Chamberlin in litt.

¹⁷ Linsley & Ross—40.

¹⁸ Van Dyke—42.

¹⁹ Fisher—42; revision of genus.

^{19a} Obenberger—40.

²⁰ Malkin—41.

²¹ Van Dyke—45.

²² Not Oregon, La Rivers in litt.

²³ Valid species, Brown—44.

²⁴ Brown—44.

HELODIDÆ

Helodes
aquatica Blais. 40-190 Cal.

DERMESTIDÆ²⁵

Byturinae²⁵

Byturus Barber 42-14²⁵
* griseus (Jayne) 82-345
inflatus Csy. 16-177²⁵
s.griseus s.str. Cal.
s.dubius Barber 42-15 Ore.

Byturus Latr. 96-69²⁵
* sordidus Barb. 42-18 N.H.-N.C.-Ind.
rubi Barber 42-18 Que.-Md.-Alb.
bakeri Barb. 42-20 Wash. ?B.C.
unicolor Say 23-127 N.Y.-Mich.-Tex.-
americanus G. & H. 68-912²⁵ [S.C.
punctatus Csy. 06-178²⁵
?brevicollis Csy. 16-179²⁵

Dermestinae²⁸

Dermestes²⁹
maculatus Deg. 74-223 Cosmop.
vulpinus F. 81-64^{30 31}
marginatus Thunb. 81-7³⁰
senex Germ. 24-84³⁰
lateralis Sturm 26-130³⁰
elongatus Hope 34-55^{30 31}
lupinus Er. 43-206³⁰
semistriatus Boh. 51-583 (part)³⁰
rattulus M. & R. 68-30³⁰
sudanicus Gredl. 77-506³⁰
ater Deg. 74-233 Cosmop.
cadaverinus F. 75-55^{30 31}
piceus Thunb. 81-8^{30 31}
felinus F. 87-3^{30 31}
domesticus Germ. 24-83³⁰
semistriatus Boh. 51-583 (part)³⁰
hispidulus Montr. 60-264³⁰
chinensis Mots. 66-168³⁰
subcostatus Murr. 67-22^{30 31}
noxius M. & R. 68-55³⁰
fararqui Godard 83-383³⁰

Attageninae²⁸

Attagenus

Novelsis

Dearthrus

Trinodinae²⁸

Apsectus

²⁵ Barber—42; revision of subfamily.
²⁶ An alternative synonymy given by Barber—47
is now known to be unnecessary.
²⁷ Barber—47.
²⁸ Classification of family, Rees—43.
²⁹ Key to larvæ, Rees—47.

Thylodiriinae²⁸

Thylodiras Mots. 39-75²⁶
(Thelydiras Agassiz 46-162)²⁷
(Ignotus Slosson 03-183)²⁷
(Hospitopterus Pic 21-54)²⁷
contractus Mots. 39-76
enigmaticus Slosson 03-183²⁷
efflatouni Pic 21-54²⁷

Anthreninae²⁸

MEGATOMINI²⁸

Perimegatoma
vespulae Milliron 39-570 Minn.

Trogoderma

Acolpus

Thaumaglossa

Cryptorhopalum

ANTHRENINI²⁸

Anthrenus

OSTOMIDÆ

Nemozoma³²
cupressi VanD. 44-147 Cal.

Pseudocotomus VanD. 44-152
melayi VanD. 44-153 Cal.

Corticotomus³²
apicalis VanD. 44-151 Cal.

NTIDULIDÆ^{33 34}

Cateretinae³⁵

Cateretes Hbst. 93-11
* (Cateretes Hbst. 93-11)³³
(Cercus Latr. 96-68)³³
(Anisocera Steph. 32-438)³³
(Anomæocera Shuck. 40-25)³³
PULION Gozis 86-12³³
pennatus (Murr.) 64-235 Que.-N.C.-B.C.
crinitus (Murr.) 64-235³³
sericans (Lec.) 59-69 Wash.-Cal. Ariz.
[Mex.]

CATERETES s.str.
scissus Parsons 43-138 Mass. Alb.
bipustulatus of authors³³

Boreades Parsons 43-139
* (Cercometes of authors)³³
abdominalis (Er.) 43-229 Can.-Ga.-Tex.

Brachypterus Kugel. 94-560
(Urbis Gozis 86-11)³³

³⁰ Lepesme—39.
³¹ Barber—42.
³² Key to species, Van Dyke—44.
³³ Parsons—43; revision of family.
³⁴ Key to subfamilies, Parsons—43.
³⁵ Key to genera, Parsons—43.

Brachypterosus

- pulexianus (L.) 58-357
mordelloides Notm. 20-29³³

Amartus Lw., 63-343

- (*Brachyleptus* Mots. 70-352, not 1845)³⁴

Anthonus**Carpophilinae**³⁵**Conotelus****Brachycephalus** Er. 42-148

- (*Nitidulopsis* Walker 58-206)³³

Colopterus

- truncatus (Rand.) 38-18
infinus (Er.) 43-245³⁴
obliquus (Lw.) 58-62³³
limbatus (Lw.) 58-62³⁴
 gerhardt Dodge 39-290 Ill.

Carpophilus³⁶

- UROPHORUS Murr. 64-342³³
 humeralis (Fab.) 98-74 Cosmop.
picinus Boh. 51-560³⁴
foveicollis Murr. 64-344³³
ruckheckeri Fall 10-124³³

CARPOPHILUS s.str.

- pallipennis Say 23-194 Alb.-Fla. L. Cal.
pollens Shp. 89-300³⁴ [Mex.
pallens Leng 20-195³⁴

- nigrovittatus Parsons 43-167 Ariz. Mex.
 sayi Parsons 43-171 Que.-Ga.-N.M.-

- [Man.
 obsolete Er. 43-259 Cal.³⁴ Old World

- cribellatus* Mots. 58-41³⁴
strigipennis Mots. 58-41³³
funereus Rtt. 84-259³³

- brevipennis (Blanch.) 42-64 Tex.-Ariz.
lucertus Murr. 64-351³³ [C.A.
purpureipennis Murr. 64-351³³

- ignobilis* Fall 10-124³⁴

- dimidiatus (F.) 92-261 Que.-Fla.-Cal.
luridus Murr. 64-377³⁴ [Cosm.
mutilatus Er. 43-258³³

Nitidulinae³⁵**Haptoncus**^{37 38}

- californicus Gillogly 46-22 Cal.

Epuraea Er. 43-267³⁹

- (*Dadopora* Thoms. 59-68)³³
(Epura) anella Cr. 71-76)³⁴
(Omosphora Rtt. 75-56)³⁴
(Microgula Rtt. 84-209)³³
(Micrura Rtt. 74-58)³³

- hebecki Parsons 43-189 Ariz.

- obtusicollis Rtt. 73-21 Que.-N.C.-Cal.-
ovata Horn 79-298³⁴ [Alb.

- flavomaculata Mäkl. 53-205⁴⁰ N.H.-
depressa of authors³⁴ [N.M. Alas.

- depressa* (Ill.) 98-386

- astrea* (Fab.) 75-77³³

- convexiuscula* Mannh. 43-255³³

- populi Dodge 39-288 Mich. Minn.

Orthocephalus**Stelidota**³⁹

- octomaculata (Say) 25-181

- biseriata* Rtt. 74-15³³

Omosita

- discoidea (Fab.) 75-78

- cincta* Heer 41-396³⁴

Nitidula

- flavomaculata Rossi 90-58⁴¹ Me.-D.C.

- flexuosa* Ohv. 90-7³⁴ [Cal. Eur.

- carolina (Schall.) 83-257³³ Mass.-Cal.
 [Eur.

Prometopia**Lobiopa** Er. 43-291

- (*Cerophorus* Cast. 40-10, part)³³

- (*Soronia* Rtt. 73-46, part)³³

- insularis Cast. 40-10

- contaminata* Er. 43-296³³

- decumana* Er. 43-295³⁴

- dimidiata* Er. 43-295³³

- grandis* Er. 43-294³⁴

Soronia**Phenolia****Amphotis****Thalyera****Perthalyera****Quadrifrons****Pocadius****Camptodes** Er. 43-321³⁹

- ⁴ EUCAMPTODES Shp. 90-327

- texanus Schflr. 01-203 Tex.

- gaumeri Shp. 90-330 Tex.³³ Mex.

- ingerrimus Parsons 43-241 Ariz.

Amphicrossus Er. 43-346^{39 42}

- (*Lobostoma* Fairm. 92-90)³³

- (*Rhacostoma* Berg 98-18)³³

Cychramus Kugel. 94-543

- (*Campta* Steph. 30-30)⁴⁴

Pallodes

- pallidus (Beauv.) 05-157

- silvaceus* Er. 43-350³³

Cyllodes Er. 43-342

- (*Strongylus* Hbst. 92-179, not

- (*Strongylus* Parsons 43-247) [Müll.)³³

- (*Volvox* Kugel. 94-355)⁴³

- (*Pseudocamptodes* Grouv. 96-76)³³

Oxyenemus

³³ Parsons—43; revision of family.

³⁵ Key to genera, Parsons—43.

³⁶ Key to subgenera, Parsons—43.

³⁷ Transferred to Carpophilinae by Gillogly—47.

⁴⁵ Returned to Nitidulinae by Parsons in litt.

³⁹ Key to species, Parsons—43.

⁴⁰ Distinct species, Dodge—39 and Parsons—43.

⁴¹ An introduced species, Dodge—39 and Parsons—43.

⁴² Key to species, Parsons—39.

- V
proba (Say) 26-303
 s. proba s.str. Mass.-Fla. Ariz.-Minn.
 ptinifer Csy. 99-123 ⁴⁶
 s. weisei Schffr. 08-126 ⁴⁶ Tex.
globula Csy. 99-124 Tex. Mex.
 VI ⁴⁷
connectens (Thunb.) 08-157 Tex. Ariz.
 longi Schffr. 05-144 ⁴⁶ [C.A.
rotunda Csy. 99-123 Tex. Ariz.
 rotundata Korsch. 31-195 ⁴⁶
 VII ⁴⁷
binotata (Say) 26-302 Que.-Fla.-Tex.-
 normata (Say) 26-302 ⁴⁶ Neb. Cal.
 affinis (Rand.) 38-50 ⁴⁶
 leucopsis Melsh. 47-179 ⁴⁶
 conceiva Csy. 24-163 ⁴⁶
 insolens Csy. 24-164 ⁴⁶
signata (Oliv.) 08-1047 N.Y.-Fla.-Tex.
pinorum Csy. 24-162 Del. Fla.
 linedata Muls. 50-684 ⁴⁶
 hamatosticta Fall 07-222 N.M. Ariz.
 lewisi Cr. 73-380 N.Y.-N.C.-Ky.
 mancei Csy. 24-163 ⁴⁶
leachi Nunen. 34-19 Cal.
regalis Csy. 99-123 Fla.
nigrosuturalis Blatch. 18-420 Fla.
bicentralis Csy. 99-124
 s. bicentralis s.str. Tex. Okla.
 s. major Dobz. 41-33 Ill.
centralis Muls. 51-685
 s. centralis s.str. L. Cal. C.A.
 s. wickhami Csy. 99-124 ⁴⁶ Tex.
 s. plagiata Dobz. 41-34 Md.
oculifera Csy. 08-415 Ariz.
rivularis Dobz. 41-35 Ky. Ill. Mo.
tuckeri Csy. 24-162 Ariz.
bigeninata (Rand.) 38-32 Me.-Fla.-
 guexi Muls. 50-687 ⁴⁶ [Tex.-Ont.
gemina Lec. 80-188 Va. N.C.
uniformis Csy. 24-162 N.C.
 VIII ⁴⁷
postica Lec. 80-188 Ariz.-Cal.-B.C.
elliptica Csy. 99-126 Mont. Cal.-B.C.
 angustula Csy. 99-127 ⁴⁶
nunenmacheri Csy. 08-417 Ida. Cal.-
 [Wash.
oculaticauda Csy. 99-127 Nev. Cal. Ore.
effeta Csy. 99-127 Cal. Ore.
subdepressa Csy. 99-127 Cal.
 IX ⁴⁷
teniata Lec. 52-134
 s. teniata s.str. Cal. Ut.
 s. nevadica Csy. 99-125 ⁴⁶ Ut.-Ariz.-
 [Cal.-Ore.
 s. perpallida Dobz. 41-44 Cal.
 s. pallidula Dobz. 41-45 Cal.
 s. significans Csy. 08-416 ⁴⁶ Ut. Ariz.
 [Cal.
 v. concurrens Csy. 08-416 ⁴⁶ Utah
 v. pallescens Dobz. 41-46 Ariz.
 s. rufescens Dobz. 41-47 Tex. N.M. Colo.
 s. cruenta Lec. 80-187 ⁴⁶ Tex.
 s. cruentoides Dobz. 41-18 Fla.
 s. binaria Csy. 24-165 ⁴⁶ N.C. Fla.
osculans Lec. 80-187 Cal.
plenialis Csy. 99-125 Tex. Cal. Utah
 v. aeternum Csy. 08-416 ⁴⁶ Tex. Cal.-
- biornata* Nunen. 34-18 [Utah. Mex.
 s. biornata s.str. Cal.
 s. arizonica Dobz. 41-53 Ariz.
 X ⁴⁷
fimbriolata Melsh. 47-180
 s. fimbriolata s.str. N.Y. Va. Cal.
 rufomarginata Muls. 50-661 ⁴⁶
 limbalis Csy. 99-126
 s. atlantica Dobz. 41-55 Va. Fla. Miss.
 s. serena Csy. 08-417 ⁴⁶ Mass.-N.J.-
 [Mich.
 s. inflexa Csy. 99-126 ⁴⁶ Man.-N.M.-
 [Mont.
cineta Lec. 58-89 Ut. Ariz. Cal.
 nupta Csy. 99-126 ⁴⁶
protensa Csy. 08-417 Ariz.
marginata Gaines 33-263 Tex.
dissoluta Cr. 73-379
 s. dissoluta s.str. Nev. Ariz. Cal.
 s. coloradana Csy. 08-417 ⁴⁶ Minn.-Ore.-
 [Tex.
sanctae-ritae Dobz. 41-60 Ariz.
psychae Csy. 99-125 Cal.
 XI ⁴⁷
disconotata Muls. 50-653
 s. disconotata s.str. Mich. Ill. Minn.
 s. troglodytes Muls. 53-219 ⁴⁶ N.B.-
 discreta Lec. 80-187 ⁴⁶ Va.-Iowa
 s. canadensis Dobz. 41-63 Alb.
trifurcata Schffr. 05-143 Tex.
 XII ⁴⁷
undulata (Say) 24-92 Can.-Va.-Tex.-
 maculifera Melsh. 47-179 ⁴⁶ [Minn.
 elegans Muls. 50-658 ⁴⁶
octavia Csy. 08-419 Me.-Va.-Minn.
pallidicula Schz. 78-362 ?Mass. Va. Fla.
punctata Lec. 80-188 S.D. Tex. N.M.
filola Csy. 08-419 Ariz.
quadrioiculata (Mots.) 45-383
 s. quadrioiculata s.str. Cal.
 s. notatula Csy. 99-121 ⁴⁶ Ariz. Nev.
 [Cal.
 s. scotti Dobz. 41-70 Cal.
 s. fidehs Csy. 08-418 Cal.
triangulum Csy. 99-123 Tex. Ariz. Cal.
speculnata Fall 01-232 Cal.
simulatrix Dobz. 41-72 Ida. Mont. Wash.
 XIII ⁴⁷
annexa Lec. 52-133 Cal. Ida.
quadrivittata Lec. 52-133
 s. quadrivittata s.str. Alb.-N.M.-Ariz.-
 Ida.
 s. tetraeneura Csy. 08-420 ⁴⁶ Colo. Ut.
 [N.M.
oregona Dobz. 41-76
 s. oregona s.str. Wyo. Ida. Ore. Wash.
 s. borealis Dobz. 41-76 Wash. B.C.
brunnescens Dobz. 41-77 Ill.
 XIV ⁴⁷
merens (Lec.) 50-238 Mich. Wyo. Mont.
 consimilis Lec. 52-134 ⁴⁶
simulans Csy. 99-128 Ariz.
 XV ⁴⁷
bolteri Lec. 80-186 Ill. Kan.
joyalis Fall 25-341 Cal.
californica Dobz. 41-81 Cal.
esclavum Dobz. 41-82 Miss.

⁴⁶ Dobzhansky—41; revision of genus.

⁴⁷ These groups are misnumbered in Dobzhansky—41.

- nubilata Csy. 24-166 N.C. Ga.
asphaltina Csy. 24-166⁴⁶
 XVI⁴⁷
 ?annularis Boh. 59-205 Cal.
 ?horni Cr. 73-371 Cal.
 ?nigropennis Blatch. 24-167 Fla.
 ?pluto Fall 25-311 Cal.
 ?subsignata Cr. 71-226 Tex.
 ?tristis (Lec.) 80-188 Colo.
 * * *
 obscura Malkin 43-110 Ore.
- Hyperaspidius**
 falli (Nunen.) 12-450⁴⁸
 ploribunda (Nunen.) 11-74⁴⁸
 wolcottii (Nunen.) 11-73⁴⁸
 juniperus Nunen. 44-145 Cal.
 rossi Nunen. 44-145 Ore.
 shauli Nunen. 44-145 Tex.
- Brachyacantha**
 carolina (Csy.) 24-161⁴⁸
- Seymnus**
 floridana (Muls.) 50-1040⁴⁸
 sexualis (Csy.) 24-167⁴⁸
 hæmorrhous Lec 52-138
hæmorrhous Malkin 43-193
 fenderi Malkin 43-109 Ore.
 lodi Stehr 46-80 Ohio
 ohioensis Stehr 46-80 Ohio
- Rhizobius**
 (debilis Blackb. 88-201 not No.Amer.)⁴⁹
- Anisosticta** Chev. 35-456
 (Anisosticta Malkin 43-194)
 borealis Timb. 43-45 Alas.
- Næmia**
 seriata (Melsh.)
 s.seriata s.str. Mass.-Va.-Tex.
 s.decepta (Blatch.)⁵⁰ S.C. Fla. W.I.
- Ceratomegilla** Cr. 73-365
 (Ceratomegilla Malkin 43-194)
- Eriopsis** Muls. 51-6
 (Eriopsis Timb. 43-10)
- Colcomegilla**
 maculata (Deg.)
 s.lengi Timb. 43-9 N.Y. Ohio
 s.strenua (Csy.) 99-76⁵⁰ Tex.-Cal. Mex.
 s.fusculabris Muls. 66-22⁵⁰ D.C. Fla.
 floridana (Leng) 03-38⁵⁰ [La.
- Hippodamia** Dej. 36-456⁵¹
 *
 I
 13-punctata (L.) 58-366 (not N.Amer.)⁵¹
 s.tibialis (Say) 24-94⁵¹ Me.-D.C.-
 [Cal.-Alas.
 americana Crotch 73-368 Mich.
 falcigera Cr. 73-368 Ida.
 washingtoni Timb. 39-265 Ore. Wash.
 II
 parenthesis (Say) 24-93 Me.-S.C.-Cal.-
 tridens (Kby.) 37-229⁵¹ [Alas.
 apicalis Csy. 99-81
 s.apicalis s.str. Colo.-Cal.-B.C.
- s.lengi Johnson 10-55⁵¹ Cal.
nigromaculata Nunen. 34-20⁵¹
 lunatomaculata Mots. 45-382
 s.lunatomaculata s.str. Cal.
parenthesis Csy. 99-81 (part)⁵¹
lunatomarginata Korsch. 32-342⁵¹
 s.dobzhanskyi Chpn. 46-11 Ore. Wash.
 [B.C.
 expurgata Csy. 08-400 S.D.-N.M.-Nev.
 III
 quinquesignata (Kby.) 37-230
 s.quinquesignata s.str. Kan.-Cal.-B.C.
mulsanti Lec. 52-131⁵¹
leporina Muls. 56-344⁵¹
 v.uteana Csy. 08-397⁵¹ Ut.-Cal.
subsimplis Csy. 99-79⁵¹
vernix Csy. 99-79⁵¹
quadraria Csy. 24-156⁵¹
 s.ambigua Lec. 52-131⁵¹ Cal.-Wash.
obliqua Csy. 99-79⁵¹
 s.punctulata Lec. 52-131⁵¹ Cal.-Wash.
 glacialis (Fab.) 75-80
 s.glacialis s.str. N.H.-S.C.-Colo.
 ?*pseudoglacialis* Johnson 10-23⁵¹
 ?*hoppingi* Nunen. 34-21⁵¹
 s.lecontei Muls. 50-1010⁵¹ Colo.-
 [Ariz.-Ida.
 s.extensa Muls. 50-17⁵¹ Cal.
 s.mackenziei Chpn. 46-19 Cal.
- IV
 quindecim-maculata Muls. 50-20 Wis.-
 [Ill.-Colo.
quinquedecimmaculata Korsch. 32-
 moesta Lec. 54-19 [343⁵¹
 s.moesta s.str. Cal.-Wash.
 s.bowditchi Johnson 10-15⁵¹ Colo.-B.C.
 s.politissima Csy. 99-80⁵¹ Cal.
 convergens Guérin 42-321 Can. U.S. C.A.
 caseyi Johnson 10-21 Colo.-Cal.-Wash.
 oregonensis Cr. 73-367
 s.oregonensis s.str. Wash. B.C.
puncticollis Csy. 99-78⁵¹
liliputana Csy. 08-397⁵¹
 s.dispar Csy. 99-79 Colo.
 s.cockerelli Johnson 10-49 Wyo. Colo.
- V
 sinuata Muls. 50-1011
 s.sinuata s.str. Cal. Mex.
trivittata Csy. 99-80⁵¹
 s.crotchii Csy. 99-80⁵¹ Wyo.-N.M.-Cal.
fontinalis Csy. 24-156⁵¹
 s.disjuncta Timb. 19-169⁵¹ N.D.-
 [Colo.-Cal.-Wash.
 s.spuria Lec. 61-358⁵¹ Ore.-B.C.
complex Csy. 99-80⁵¹
 s.straminea Chpn. 46-29 Cal.
 * * *
 apicalis
 s.tricolor Nunen. 46-72 Cal. Ore
 moesta
 v.bowditchi Johnson
bowditchi Malkin 43-196
- Cycloneda**
 polita Csy.
 s.flava Timb. 43-24 Cal.

⁴⁸ Transferred from Hyperaspis by Dobzhansky—41.

⁴⁹ Not established in North America, Flanders in litt.

⁵⁰ Timberlake—43.

⁵¹ Chapin—46; revision of genus.

Cleis Muls.⁵²

- pecta Rand. 38-51
blanchardi Johnson 10-72⁵³
v. impetripennis Weise 95-125⁵⁴

Anisocalvia

- duodecim-maculata* (Geb.) 32-76
duodecinguttata Malkin 43-197

Anatis

- rathvoni* Lec. 52-132
rhatroni Malkin 13-198

TENEBRIONID E**Metoponium**

- abnorme* Lec.
s. laticolle Csy. 07-291⁵⁴ Ariz., L. Cal.⁵⁴
transversum Blais. 43-174 L. Cal.
erosum Blais. 43-175 L. Cal.

Telaponium

- pingue* Blais. 43-179 L. Cal.

Trimytis

- PIMALIUS* Csy.
ceralboensis Blais. 43-196 L. Cal.

Metopoloha

- subpilosa* Blais. 43-199 L. Cal.

Triorophus

- lariversi* Blais. 42-132 Nev.

Triphalus

- impressifrons* Blais. 43-202 L. Cal.

Triphalopsis

- impressicollis* Blais. 43-203 L. Cal.

Stibia

- ferruginea* Blais. 43-208 L. Cal.

Orthostibia

- muricata* Blais. 43-210 L. Cal.
fraterna Blais. 43-211 L. Cal.

Edrotes Lec. 51-110⁵⁵

- * *(Pimelia* Say 24-251)⁵⁵
ODROTÉS LaRiv. 47-320
arens LaRiv. 47-320 Ariz.
EDROTÉS s.str.
ventricosus Lec. 51-141 Ida.-Ariz., Cal.
nitidus Csy. 90-175⁵⁵ [Mex.
orbis Csy. 07-451⁵⁵
angusticollis Csy. 07-452⁵⁵
longipennis Csy. 07-452⁵⁵
mexicanus Blais. 23-241⁵⁵
asperatus Blais. 23-241⁵⁵
laticollis Csy. 24-300⁵⁵
longicornis Csy. 24-300⁵⁵
varipilis Csy. 24-301⁵⁵
rotundus (Say) 24-251 Colo., Tex.-Ariz.
globosus Csy. 90-175⁵⁵
inflatus Csy. 07-451⁵⁵
puncticeps Csy. 07-451⁵⁵
intermixtus Csy. 07-455⁵⁵
oblongulus Csy. 07-455⁵⁵
lineatus Csy. 07-455⁵⁵

- subaqualis* Csy. 07-456⁵⁵
angustulus Csy. 07-456⁵⁵
desertus Blais. 43-212⁵⁵

Araucoschizus

- limbatus* Blais. 43-214 L. Cal.
antennatus Blais. 43-215 L. Cal.
arnetti Tanner 45-125 Utah Ida.

Centrioptera

- (Oochila* Lec. 62-220, not 66-220)⁵⁶
mehelbacheri Blais. 43-227 L. Cal.

Cryptoglossa Sol. 36-680⁵⁷

- (Isbulus* Lec. 51-129⁵⁷
verrucosa Lec. 51-129 Ariz., Nev., Cal.
s. carinulatus Blais. 45-25 Cal.
levis Lec. 51-130 Ariz., Cal.
s. subsimilis Csy. 24-308 Ariz., Cal.
granulifera Champ. 92-508 Cal., Tex.
 [L. Cal., Mex.
angularis Horn 94-414 L. Cal.

Stenomorphia Sol. 36-487

- (Euschides* Lec. 51-127)⁵⁸
tumidicollis Blais. 43-226 L. Cal.
convexa (Lec.) 59-11⁵⁹ Kan.-L. Cal.
 [Mex.

Argoporis

- apiculus* Blais. 43-234 L. Cal.

Eleodes

- rossi* Blais. 43-241 L. Cal.
marthae Blais. 43-243 L. Cal.
mexicana Blais. 43-246 L. Cal.
simondsi Blais. 43-247 L. Cal.
stratipennis Blais. 42-134 Nev.
MELANEELEODES Blais. 09-33
halli Blais. 44-37 Ariz.
BLAPYLIS Horn 70-301
oregona Blais. 41-157 Ore.

*** LITHELEODES** Blais. 09-34⁶⁰

- extricita* Say 23-261 Ariz., Tex.-Can.
s. convexiticollis Blais. 09-123⁶⁰ Wyo.
 [Mont.
s. arizonensis Blais. 09-416⁶⁰ Ariz.
s. utahensis Blais. 21-131⁶⁰ Utah
s. frigida LaRiv. 43-54 Nev.
s. cognata Hald. 52-376⁶⁰ Ariz., Utah
arenata Csy. 84-47 Ariz.
granulata Lec. 57-50 Ore., Cal.
s. obtusa Lec. 61-352⁶⁰ Cal.
s. aspera Lec. 66-115⁶⁰ Colo.
? subsaspera Sol. 48-246⁶⁰
vandykeri Blais. 09-136 Cal.
s. modificata Blais. 21-131⁶⁰ B.C.
s. parvula Blais. 09-137⁶⁰ Ore., Ida.
s. similis Blais. 42-112⁶⁰ Ore.
lechei Blais. 09-133 Nev., Ida.
corvina Blais. 21-224 Cal.
papillosa Blais. 17-226 Cal.
tuberculata Blais. 09-131⁶⁰

Trogloclerus Lec. 79-2⁶¹

- * *costatus* Lec. 79-3
s. costatus s.str. Ida.-Ariz., Cal.
s. nevadus LaRiv. 42-437⁶¹ Nev., Cal.

⁵² Nunenmacher -46 uses Mulsantina Weise, in error.

⁵³ Nunenmacher -46.

⁵⁴ Blaisdell -45.

⁵⁵ La Rivers -47; revision of genus.

⁵⁶ Parsons in litt.

⁵⁷ Blaisdell -45; revision of genus.

⁵⁸ Blackwelder -45.

⁵⁹ Transferred from Euschides by Gebien -37.

⁶⁰ Blaisdell -42; revision of subgenus.

- s.vandykei LaRiv. 46-41⁶¹ Cal.
s.tuberculatus Blais. 09-479⁶¹ Cal.
- Branchus** Lec. 62-223 (not 63-222)⁵⁶
floridanus Lec. 62-224 (not 66-111)⁵⁶
- Eusattus**
(*Conipinus* Lec. 62-223, not 63-
[223]⁵⁶
sculptus Champ. 92-510 Mex. L.Cal.⁶²
- Coniontides**
keiferi Blais. 43-189 L.Cal.
- Coniontis**
lariversi Blais. 41-131 Nev.
- Coniontellus**
inflatus Csy. 90-389 Nev.
hystrix Csy. 08-142⁶³
longipennis Csy. 08-143⁶³
ampliatius Csy. 08-144⁶³
- Carlus**
gracilis Blais. 39-16 Cal.
- Blapstinus**
vandykei Blais. 42-136 Cal.
densipunctatus Blais. 43-256 L.Cal.
- Conibius**
oblongus Blais. 43-257 L.Cal.
- Tonibius**
rossi Blais. 43-260 L.Cal.
- Ephalus** Lec. 62-227 (not 62-229)⁵⁶
- Echocerus**
breviceps Blais. 43-266 L.Cal.
- Aphanotus** Lec. 62-233 (not 66-233)⁵⁶
- Cynaens** Lec. 62-233 (not 66-233)⁵⁶
angustus Lec. 51-149 Tex. Cal. Wash.⁶⁴
- Tribolium**
destructor Uytt. 33-xii⁶⁵ Cal.⁶⁶ Eur.
- Palorus** Mujs. 54-250^{66a}
* PALORUS s.str.
ratzeburgi (Wissm.) 48-77
CIRCOMUS Fleisch. 00-236^{66a}
subdepressus (Woll.) 64-499
melinus of authors (not Hbst.)^{66a}
depressus of authors (not Fab.)^{66a}
- Tharsus** Lec. 62-233 (not 66-233)⁵⁶
seditiosus Lec. 62-233 (not 66-122)⁵⁶
- Nylopinus** Lec. 62-230 (not 66-230)⁵⁶
- Pratens** Lec. 62-238 (not 66-238)⁶⁶
fuscus Lec. 62-238 (not 66-131)⁵⁶
- Amphidora**
subdeplanata Blais. 43-252 L.Cal.
- Helops**
sparsus Blais. 43-274 L.Cal.
- Lariversus** Blais. 47-59
tibialis Blais. 47-61 Nev.

SERROPALPIDÆ

- Prothalpia** Lec. 62-251 (not 62-252)⁵⁶
- Scotochroa** Lec. 74-275⁶⁷
* atra Lec. 74-274 N.H. Mich.
buprestoides (Kluy.) 37-240⁶⁸ Nfld.-N.Y.
basalis Lec. 74-275 Nfld. Mich. Colo.-
[B.C.]
- Scotochroides** Mank 39-183
antennatus Mank 39-183 N.H.-Pa.
- Serropalpus** Hellen. 86-311⁶⁷
* substriatus Hald. 48-98 Me.-Minn. Cal.
[Alas.]
obsoletus Hald. 48-98 Mich. Ore. B.C.
(barbatus Schall. not N.Amer.)⁶⁷
coxalis Mank 39-239 Me.-Minn. Alas.
- Neoscraptia** K.Fend. 46-67
testacea K.Fend. 46-67 Ore.
- Anelpistus** Horn 70-88⁶⁹
* americanus Horn 70-88 N.H.
canadensis Mank 42-190 B.C.
- Scotodes** Esch. Not N.Amer.)⁷⁰

PTINIDÆ

- Mezium**
affine Boield. 56-674 Can.
americanum of Brown 40-117⁷¹
- Epanoleus** M. & R. 68-198
(*Epauleus* Pic 12-12)⁷²
(*Tipnus* Thoms. 63-141, not
DuVal,⁷² not Boield.)⁷¹
unicolor P. & M. 82-67 N.S. N.B.
crenatus Fab. 92-240^{71 72}
- Eurostus** M. & R. 68-49
hilleri Rittr. 77-378 N.B.-Ont. B.C. Eur.
alienus Brown 40-119⁷¹
- Pseudeurostus** Heyden 06-424
(*Eurostus* M. & R. 68-185)⁷³
(not Dallas, 1851; Dumeril, 1853)
- Ptinus**
ocellus Brown 29-109
pilosus of authors⁷²
tectus of authors⁷²
latro Fab. 75-63 Can. Cosmop.
hirtellus Sturm 37-80
testaceus Oliv. 90-9⁷¹
(not Thunberg, 1784)
brunneus Duft. 25-65⁷¹
testaceous Brown 44-10

ANOBIIDÆ

- Utobium**
marmoratum Fisher 39-26 Ore.

⁶¹ La Rivers—42; key to species.

⁶² Blaisdell—43.

⁶³ La Rivers—47.

⁶⁴ Hatch—40.

⁶⁵ Placed in *Aphanotus* by Blaisdell—42.

⁶⁶ Blaisdell—42.

^{66a} Chapin in litt.

⁶⁷ Mank—39; revision of genus.

⁶⁸ Valid species, Mank—39.

⁶⁹ Valid genus, Mank—42.

⁷⁰ Mank—42.

⁷¹ Brown—44.

⁷² Brown—40.

⁷³ Heyden—06.

Neogastrallus

librinocens Fiesler (not librinocens)

Vrilletta(*Vrilletta* VanD., 46-85)

californica Fisher 39-175

Cal.

montana VanD., 46-85

Cal.

Euvrilletta Fall(*Euvrilletta* VanD., 46-85)

texana VanD., 46-85

Tex.

Xyletinus

grossus VanD., 46-86

Cal.

sequoie VanD., 46-87

Cal.

BOSTRICHIDÆ*BOSTRICHINI*

Xyloperthina

Tetraprioceralongicornis Oliv., 90-15⁷⁴**Xylobiops** Csy.

basilaris Say

basillare Leng 20-244⁷⁵

parilis Lesne

perilis Leng 20-244⁷⁵**Xylomeira** Lesne 01-502⁷⁶

torquata Fabr., 01-382

W.I.⁷⁶ Fla.⁷⁵*floridana* Horn 85-155⁷⁵*tridens* Fabr., 92-362⁷⁵

* * *

Dendrobilaaspera Lec., 58-73⁷⁵

sericans Lec., 58-73

Tex.-L.Cal.

pubescens Csy., 98-67⁷⁵**Amphicerus**cornutus Pallas 72-8 (not 72-18)⁷⁶hamatus Fabr., 87-33⁷⁵

N.A. Cuba

aspericollis (Germ.) 24-465⁷⁵*bicaudatus* (Say) 24-320⁷⁵*serricollis* (Germ.) 24-464⁷⁷**Lichenophanes** Lesne 99-457 (not 98-457)⁷⁵

mitchleri Belkin 40-192

N.J.

angustus Csy., 98-72⁷⁵

(not Steinheil, 1873)

californicus Horn 78-546 (not 78-456)⁷⁵bicornis Weber 01-91⁷⁷

Conn.-Fla.-Ind.

bicornis Say 23-319⁷⁵**Bostriehus** Geoff., 62-301⁷⁸

* capicnemus L., 58-355

N.J. Eur.

Dinoderus Steph., 30-352⁷⁸

* brevis Horn 78-550

La. Orient

minutus Fab., 75-51

Fla. Cosmop.

⁷⁴ Not a synonym of tridens, Belkin-40.⁷⁵ Belkin-40.⁷⁶ Blackwelder-45.⁷⁷ Transferred from Bostriehus by Belkin-40.⁷⁸ Revision of genus, Belkin-40.⁷⁹ Distinct species, Belkin-40.⁸⁰ Key to nigricornis-group, Robinson-44.⁸¹ Lane-47.*POLYCIONINI***Polycyon** Lap., 36-30(*Exops* Curt., 39-204)⁷⁵(*Alloeonemis* Lec., 53-232)⁷⁵punctatus Lec., 66-102⁷⁹*pubescens* Lec., 66-102⁷⁵**Heterarthron** Guér., 44-186(*Exepioides* Guér., 45-17)⁷⁵(femorale Fabr., 92-361 not N.Am.)⁷⁵(gonagrum Fab., 98-156 not N.Am.)⁷⁵exesum Lec., 58-74⁷⁹ L.Cal. C.A.**Psoa**

quadrisinguata Horn 68-135

Cal.

cleroides Lesne 13-273

Cal.

SCARABÆIDÆ**Canthon**⁸⁰⁻⁸²

imitator Brown 46-104

s.imitator s.str.

Okla. Tex.

s.floridanus Brown 46-105

Fla.

granulifer Schrn., 21-126

Tex.

bispinatus Robinson 41-128

R.I. Fla.

(pulularius (L.)) 58-349

not N.Am.)⁸⁴

hudsonius (Forst.), 71-3

late (Drury) 73-2⁸⁴**Atteuchus** Weber 01-10⁸³(*Cheridium* Serv., 25-356)⁸³**Copris**

cartwrighti Robinson 41-131

N.C. S.C.

Phanaeus M'Leay 19-124⁸⁴

* pluto Harold 63-164

Ariz. Mex.

quadrident (Say) 37-176

Ariz. Mex.

vindex M'Leay 19-133

s.vindex s.str.

e.U.S.

s.cyanellus Robinson 38-107

Fla.

s.rubervirens Robinson 48-301

Ariz.

difformis Lec., 48-86

s.difformis s.str.

Kan.-Tex.

s.magnificus Robinson 48-302

Fla.

triangularis Say 23-206

S.C.-Tex.

torrens Lec., 47-85

s.torrens s.str.

Ky.-Kan.

s.niger (d'Olz.) 24-95

Miss. La. Mex.

igneus M'Leay 19-133

s.igneus s.str.

N.C.-Fla.

s.floridanus (d'Olz.) 24-94

Fla.

mexicanus Harold 63-171

Ariz. Mex.

amthausi Harold 75-88

Ariz. Mex.

Onthophagus

aculeatulus Blatch., 28-128

alutaceus ¹ Blatch., 19-31⁸⁵*aculeatus* L. & M., 33-38⁸⁵

subopacus Robinson 40-142

Ariz.

lecontei Schffr., 44-298

(not Harold, 1868)

Aphodius⁸⁸

mantobensis Brown 28-302

Man. Pa.⁸⁶

guttatus Esch., 23-97

Lab. Vt. Alas.⁸⁶⁸² Discussion of generic synonymy, Lane-47.⁸³ Chapin-46.⁸⁴ Revision of genus, Robinson-48.⁸⁵ Chapin in litt.⁸⁶ Robinson-47.⁸⁷ Robinson-39.⁸⁸ Synoptic key to species, Saylor-40.

- bicolor Say 23-212
comanchi Robinson 40-146 ⁸⁶
 goffi Cart. 39-354 Fla.
 geomysi Cart. 39-356 Fla.
 windsori Cart. 39-357 S.C.
 brimleyi Cart. 39-357 N.C. S.C.
 robinsoni Cart. 39-359 N.J.
 odocois Robinson 39-24 N.J.
crassulus Sim 30-142 ⁸⁷
 (not Horn, 1870)
 lanei Saylor 40-103 Wash.
 caseyi Saylor 40-104 Ore.
 pullmani Saylor 40-104 Wash.
 inermis Robinson 40-147 Utah
 saylorea Robinson 40-147 Ariz.
 serval Say
s. pennsylvanicus Rob. 40-148 N.J. Pa.
serval of Sim 30-113
 subcarinatus Robinson 46-50 Utah
 cressoni Robinson 46-51 Neb.
 oviformis Robinson 46-53 Cal.
 constrictus Robinson 46-54 Wash.
 piceatus Robinson 46-55 B.C.
 medonaldi Robinson 46-56 Pa.
 PLATYDERIDES Schm. 16-99
 (*Platyderus* Schm. 14-122, not [Steph.])
 yavapai Robinson 46-52 Ariz.
 excavatus Robinson 40-143 Utah
 magnificens Robinson 40-144 Okla.
 transversus Robinson 40-144 Ariz.
 atwateri Cart. 44-150 Tex.
 * * *
 aculeatus Robinson 40-143 Utah
 rossii Cart. 44-130 Tex.
 kirni Cart. 44-131 Tex.
 acuminatus Cart. 44-133 Tex.
 sepultus Cart. 44-146 Tex.
 captivus Cart. 44-147 Tex.
 floridanus Robinson 47-169 Fla.
 inyoensis VanD. 47-158 Cal.
 fenyesi VanD. 47-159 Ariz.
- Oxyomus**
 silvestris Scop. 63-5 Wash. ⁸⁹ Eur.
opacifrons Horn 71-284 ⁸⁹
 porcatus Fab. 98-22 ⁸⁹
- Atenius**
 spretulus (Hald.) 48-106
consors Fall 30-101 ⁹⁰
falli Hntn. 34-119 ⁹⁰
 strigatus (Say) 23-212 ⁹¹
 saluator Fall 30-99 Fla. W.I.
darlingtoni Hntn. 37-179 ⁹²
 miamii Cart. 34-200
havanensis Balth. 38-55 ⁹³
 saramari Cart. 39-360 Fla.
 convexus Robinson 40-149 Tex.
 linelli Cart. 44-28 Fla.
 saxatilis Cart. 44-29 N.C.-Ga.
- Dialytes**
 umbratus Balth. 41-89 Can.
- Psammodius** ⁹⁴
 shermani Cart. 46-89 S.C. Ga.
 malkini Cart. 46-90 Fla.
- Pleurrophorus**
 cactus (Creutz.) Ore. N.Y. Wash. ⁸⁹
- Kolbeus** Bouc. 11-335
 * horni (Rivers) 86-61 ⁹⁵ Cal.
 minor (Linell) 95-723 ⁹⁵ Tex.
- Bolboceras**
 angulus Robinson 47-170 Tex.
- Odontaus** Klug
 (*Odontus* Lins. & Mich. 43-79)
- Bolbocerosoma**
 quadricornum Robinson 41-132 Tex.
- Eucanthus**
 lazarus (Fab.)
 vadutaceus Cart. 44-30 Miss. Ala. Ga.
- Geotrupes**
 (occidentalis Horn not N.Am.) ⁹⁶
- Plecoma** ⁹⁷
 lucia Linsley 41-145 Cal.
 nitida Linsley 41-147 Cal.
 puncticolis Rivers 89-17 L. Cal. ⁹⁸
 venturie Linsley 45-110 Cal.
- Trox**
 affinis Robinson 40-158 ⁹⁹ N.Y.-Va.-Cal.
 TROX s.str.
 variolatus Melsh.
erinaceus Lec. 54-212 ¹
s. monticola Robinson 40-158 Me.-Pa.-
 foveicollis Harold 72-181 [Utah
insularis Chev. 64-416 ¹
 plicatus Robinson 40-153 Ariz.
 contractus Robinson 40-153 Tex.
 hamata Robinson 40-153 N.J.-Ga.
 spinulosus Robinson 40-156 Mich.
 dentibus Robinson 40-156 Ariz.
 aculeatus Robinson 40-156 Ark. Mo.
 simi Robinson 40-157 N. J. Pa. Va.
 OMORGUS Er. 48-932
 integer Lec. 54-216 ²
oligonus Loomis 22-133 ¹
oligomis Leng & M. 27-38 ¹
 texanus Lec. 54-214 ²
 suturalis Lec. 54-214 ²
 umbonatus Lec. 54-214 ²
platycyphus Loomis 22-133 ¹
 tessellatus Lec. 54-216 ² Ariz.
 nodosus Robinson 40-152 N.M.
 nigrescens Robinson 41-134 L. Cal.
 confluentus Robinson 41-134 Utah
 fuliginosus Robinson 41-134 Tex.
 tytus Robinson 41-228 Pa.
- Serica**
 (*Series* Saylor 36-4) ³
 pruinipennis Saylor 36-4
pruinipennis of 4th suppl.
pruinosa Sayl. 35-2 ³

⁸⁹ Hatch—46.⁹⁰ Cartwright—43.⁹¹ Distinct species, Cartwright—43.⁹² Cartwright—45.⁹³ Chapin—40.⁹⁴ This spelling used instead of *Psammobius* by Cartwright—46.⁹⁵ Transferred from *Bolboceras* by Chapin—46.⁹⁶ Bradley—44.⁹⁷ Key to species, Linsley—46.⁹⁸ Linsley—41.⁹⁹ Described as a subspecies of *aqualis* Say.¹ Robinson—40.² Listed as valid species by Robinson—40.³ Saylor—40.

- allem* Saylor 39-457 Cal.
mendota Saylor 39-457 Cal.
chicoensis Saylor 39-458 Cal.
sandhegensis Saylor 39-458 Cal.
searli Saylor 39-459 Cal.
cuyamaca Saylor 39-459 Cal.
craghead Saylor 39-55 L. Cal.
cruzi Saylor 39-55 Sta. Cruz I. (Cal.)
joaquimella Saylor 39-56 Cal.
oliver Saylor 39-56 Cal.
elmonte Saylor 39-56 Cal.
watsoni Saylor 39-58 Cal.
arkansana Dawson 47-223 Ark.
atratura Lec. 56-274 Tex. Okla.
s. monita Dawson 47-226 Tex. Okla. La.
contorta Dawson 47-227 Tex. Ark. Okla.
annula Dawson 47-228 Tex.
anthracina Lec. 56-276 S. D.-N. M.-Cal.-
frontalis Lec. 56-276⁴ [B. C.
robusta Lec. 56-276⁴
valida Harold 69-123⁴
crassata Walk. 66-323⁴
satrapi Dawson 47-231 Cal.
concinna Dawson 47-232 Ariz.
subnisa Dawson 47-233 Cal.
catalina Dawson 47-234 Cal.
Diploctaxis
nigra Cart. 39-361 Okla.
dahl Cazier 40-251 Cal.
cribrulosa Lec. 56-270 Tex.-Ariz.
popino Csy. 85-179⁵
impressifrons Cazier 40-127 Cal. Ore.
saylori Cazier 40-128 Ariz.
aqualis Cazier 40-129 Ariz.
fulgida Cazier 40-130 Tex.
aconomus Cazier 40-131 Ariz.
aulacochela Cazier 40-131 Tex.
ungulatus Cazier 40-132 Ariz.
persise Cazier 40-133 Ariz.
parkeri Cazier 40-133 Ariz.
microps Cazier 40-134 Ariz.
recticanthus Cazier 10-135 Ariz.
brevicornis Cazier 40-136 N. M.
arta Cazier 40-136 Cal.
ungula Cazier 10-137 Tex.
fulva Robinson 46-58 Utah
Triodonys Saylor 42-158
ecostata (Horn) 87-284⁶ Tex.
Phyllophaga⁷
fucata Horn 87-278
linsleyi Saylor 36-4⁸
torta Lec. 56-239 Tex. N. M. Mex.
dampfi Arrow 37-148⁸
vetula Horn 87-274 N. M. Ariz. Mex.
longipilosa Bates 88-209⁸
lenis Horn 87-287 Ariz. Cal. Mex.
anodentata Bates 88-208⁸
rubricosa Reinh. 39-47 Tex.
repodis Reinh. 39-48 Tex.
plena Reinh. 39-49 Tex.
ephelida (Say)
svirilis Reinh. 39-51 Tex.
sacoma Reinh. 39-52 Ark. Tex.
curialis Reinh. 39-54 Tex.
pudorosa Reinh. 39-55 La. Tex.
opacita Reinh. 39-56 Tex.
tristis (Fall.)
s. tristis s. str. e. St.-B. C.
sapienta Reinh. 39-58 Md.-Ga.-Tex.
s. suttoniana Reinh. 39-59 Tex.
s. amphicornis Reinh. 39-59 Tex.
reevesi Saylor 39-89 Cal.
xerophila Saylor 39-89 Cal.
rossi Saylor 39-152 Ariz.
chippewa Saylor 39-455 Minn.
ovalis Cart. 39-353 Fla.
sodalis Reinh. 10-4 Tex.
aurea Lug. & Plant. 11-716 Okla.
yemasecer Cart. 44-30 S. C.
teeta Cart. 44-32 Fla.
marginalis Lec.
vansolita Cart. 44-33 Ala.
zavalana Reinh. 46-69 Tex.
hubbardi Cart. 46-10 Ala. Ga.
georgiana Schffr. 09-382
divinus Robinson 38-110⁹
sylvatica Sandn. 42-49 Ga.-Neb.
nopia Sandn. 42-51 Ariz. Mex.
incuria Sandn. 42-53
texana Sandn. 37-16
ravida Blanch. 50-136 (C. A.)
s. guatemalica Moser 18-24 Tex.¹⁰ C. A.
gravidula Moser 21-247
perila Sandn. 37-14¹⁰
onchophora Chpn. 32-184 Cuba, Ga.
PHYLOPHAGA s. str.
temora Saylor 43-135 Tex. Mex.
TOSTEOPTERA Blanch.¹¹
lanceolata Say 23-242
arizona Blocker 36-55⁸
grisiana Blocker 36-56⁸
crazieri Blocker 36-57⁸
EUGASTRA Lec.¹¹
LISTROCHELUS Blanch.^{11, 12}
miraflores Saylor 40-72 L. Cal.
densicollis (Lec.) 63-77 L. Cal.
carminator (Horn) 94-398 L. Cal.
michellbacheri Saylor 40-76 L. Cal.
pilosipes Saylor 40-76 L. Cal.
puberulus (Lec.) 63-78 (not DuVal)¹²
peninsularis Saylor 40-77 L. Cal.
trochanter Saylor 40-78 Ariz.
gracilis (Horn) 85-123 (not Burm.)¹²
scoparia (Lec.) 56-264 Ariz. Mex.
disparis (Horn) 78-141 Colo.-Ariz. Mex.
huachuca Saylor 40-82 Ariz. Mex.
chapini Saylor 40-84 N. M. Ariz.
flavipennis (Horn) 85-123 N. M. Ariz.
granti Saylor 40-85 Ariz. Mex.
mucorea (Lec.) 56-263 Kan. Tex.-Cal.
texanus (Lec.) 56-263¹² [Mex.
obtusius (Lec.) 56-264¹²
pulcher (Lanell) 96-730 Tex.
reinhardi Saylor 10-89 Tex.
plena (Fall) 32-199 Ariz.
opacicollis (Horn) 78-145 N. M. Utah Ariz.
tarsalis (Schffr.) 08-319 N. M. Ariz.
scuticeps (Bates) 88-171 Tex. Mex.

⁴ Dawson—47.⁵ Cazier—40.⁶ Transferred from Phyllophaga by Saylor—42.⁷ Boying—12, gives a regrouping of the N. A.

species, breaking up Horn's groups; also key to known larvae.

⁸ Saylor—39.⁹ Robinson—47.¹⁰ Sanderson—42.¹¹ Treated as a subgenus by Saylor—42.¹² Saylor—40; revision of subgenus.

- fimbripes* (Lec.) 56-264 Neb.-Tex.-Ariz.
falsa (Lec.) 56-264 Kan.-N.M.-Cal.
langeri Chpn. 34-93¹²
s.nogales Saylor 40-99 Ariz.
köhleriana Saylor 40-99 Tex. N.M.
neomexicana Saylor 40-101 N.M.
parilis (Bates) 88-172 Tex. Mex.
cavata (Bates) 88-170 N.M. Mex.
micros (Bates) 88-170 Colo. Mex.
cochisa Saylor 40-105 Ariz. Mex.
texensis Saylor 40-106 Tex.
wickhami Saylor 40-107 Tex.-Ariz.
cushmani Saylor 40-109 Tex.-Ariz. Mex.
ma-murrii Saylor 40-110 Okla. Tex.
duncani (Barrett) 33-129 Ariz.
arizona Saylor 40-112 Tex.-Ariz.
timida (Horn) 78-146 Ariz.
snowi Saylor 40-114 Ariz.
senex (Horn) 78-148 Tex. N.M.
 * * *
luginbilli Saylor 41-145 N.M.
pleroma Reinh. 40-5
plena Reinh. 39-49 (not Fall)
 CHLÆNOBIA Blanch.¹¹
 PHYTALUS Er.^{11 13}
ægrotus Bates 88-182 Tex. C.A.¹⁹
- Polyphylla** Harris 42-30^{14 15}
 * *cavifrons* Lec. 54-222 Ariz. Cal. Mex.
squamiventris Cazier 39-199 Tex.
hammondi Lec. 56-228 Ill.-Tex.-Ariz.
squamicauda Csy. 14-324¹⁵
molesta Csy. 14-324¹⁵
verecunda Csy. 14-325¹⁵
obluta Csy. 14-326¹⁵
impigra Csy. 14-326¹⁵
subvittata Lec. 56-229¹⁵
bisinuata Csy. 14-327¹⁵
sejuncta Csy. 14-328¹⁵
proba Csy. 14-329¹⁵
diffusa Csy. 14-329¹⁵
pimalis Csy. 14-330¹⁵
oklahomensis Hatch 26-145¹⁵
hirsuta VanD. 33-116 Ariz.
diffRACTA Csy. 89-17 N.M. Ariz.
fuscata Fall 08-161¹⁵
adjuta Csy. 14-331¹⁵
uteana Tanner 28-276 Utah
rufescenta Tanner 28-276 Utah
opposita Csy. 14-330 ?Ore.
barbata Cazier 38-161 Cal.
rugosipennis Csy. 14-336 Ariz. Cal.
levicauda Csy. 14-338¹⁵
sobrina Csy. 14-339 Cal.
alleni Cazier 39-201 Ariz.
ermita Lec. 56-230 Cal.-Wash.
nigra Csy. 14-334¹⁵
mystica Csy. 14-334¹⁵
incolumis Csy. 14-335¹⁵
relicta Csy. 14-336¹⁵
robustula Csy. 14-336¹⁵
ona blocker 40-148¹⁵
santarosæ blocker 40-149¹⁵
santacruzæ blocker 40-149¹⁵
martini blocker 40-150¹⁵
arguta Csy. 14-339 Utah
- speciosa* Csy. 89-17 Colo. N.M.
acomana Csy. 14-342¹⁵
latifrons Csy. 14-340¹⁵
decemlineata (Say) 23-246 Kan.-Cal.-
parilis Csy. 14-345¹⁵ [Wash.
laticauda Csy. 14-345¹⁵
reducta Csy. 14-346¹⁵
pacifica Csy. 95-607¹⁵
squamotecta Csy. 14-343¹⁵
rupicollis Csy. 14-346¹⁵
castanea Csy. 14-347¹⁵
oregona Csy. 14-348¹⁵
perversa Csy. 14-348¹⁵
modulata Csy. 14-333¹⁵ Ore.
constockiana blocker 40-150¹⁵
matrona Csy. 14-350 Ariz.
occidentalis (L.) 67-555 Va.-Fla.
variolosa (Hentz) 40-256 Me.-N.J.
comes Csy. 14-352 Ky.
gracilis Horn 81-73 Fla.
pubescens Cart. 39-362 Fla.
 * * *
peninsularis VanD. 43-103 L.Cal.
nubila VanD. 47-160 Cal.
diffRACTA Csy. N.M.
s.arida VanD. 47-161 Utah
- Thyee**
aurata VanD. 43-105 Cal.
cinerea VanD. 43-106 Cal.
clypeata VanD. 43-107 Cal.
- Phobetus**
comatus Lec. 56-227 Cal. Ore.
s.robinsoni Saylor 39-54 Cal.
- Dichelonyx** Harris 26-6^{17 18}
 * *elongata* (Fab.) N.Eng.-Kan.-Can.
elongatula (Schönh.)¹⁷
hexagona (Germ.)¹⁷
linearis (Gyll.)¹⁷
virescens (Kby.)¹⁷
subvittata Lec. N.Eng.-Can.
diluta Fall Mass.-Va.-Mich.
testacea Kby. Vt.-Mo.-Mont.
testaceipennis Fall N.M.
canadensis Horn Can.
backii Kby. Wyo.-Colo.-Cal.
s.arizonica Barrett¹⁷ Ariz.
fulgida Lec. Nev. Cal.-Wash.
s.fulgida s.str. Nev. Cal.
s.crotchii Horn¹⁷ Nev. Cal.
s.oregona VanD.¹⁷ Ore. B.C.
s.mormona Fall¹⁷ Utah
vandykei Saylor Cal.
nana Fall Cal.
fuscata Lec. N.J.-Ohio
muscula Fall Cal.
vaga Fall Nev. Cal.
pallens Lec. Cal.
longiclava Fall¹⁷
robusta Fall Cal. Ore.
clypeata Horn Cal.
truncata Lec. Utah. Cal.
picea Horn L.Cal.
pusilla Lec. Cal. L.Cal.
decolorata Fall Cal.

¹³ Footnote * in 4th Suppl. should read Saylor—39, not Sanderson—39.

¹⁴ Key to Canadian species, Brown—40.

¹⁵ Cazier—40; revision of genus.

¹⁶ Originally described as a subspecies of *decemlineata* Say.

¹⁷ Saylor—45; key and revision.

¹⁸ Brown—46; key to eastern species.

- lateralis* Fall. Nev., Cal.
valida Lec. Cal., Ore.
vicina Fall. Nev., Cal., Ore.
 s. columbiana Hopp.¹⁷ Ida., B.C.
 deserta Hopp.^{17, 19}
sulcata Lec. Colo., N.M., Ariz., Mont.
 s. arizonensis Saylor Ariz.
albicollis (Burm.) N.B., Mich.
 * * *
kirbyi Brown 46-107 Man., Alb., Neb.
 testacea of authors¹⁸ [Mont.
elongatula Schönh. 17-210
 elongata Fab. 92-170¹⁸
 (not Olivier, 1789)
 viridescens Kby. 37-134¹⁸
 elongata of authors (in part)¹⁸
linearis (Gyll.) 17-103
 hexagona Germ. 24-121¹⁸
 viridescens Kby. 37-134¹⁸
 testacea Kby. 37-135¹⁸
 elongata of authors (in part)¹⁸
Coenonychia Horn 76-192²⁰
 fuga Cazier 43-12 Cal.
 purshiae Cazier 43-13 Cal.-Wash.
 ampla Cazier 43-14 Cal.
 hagem Cazier 43-15 Cal.
 acuta Cazier 43-15 Cal.
 pallida Cazier 43-18 Cal.
 lurida Cazier 43-19 Cal.
 harri Cazier 43-19 Cal.
 saylori Cazier 43-20 Cal.
 bowlesi Cazier 43-20 Cal.
 mediata Cazier 43-21 Cal.
 rubida McClay 43-21 Ariz.
 scotti McClay 43-22 Cal.
 elypeata McClay 43-22 Cal.
 fulva McClay 43-23 Cal.
 fusca McClay 43-24 Cal.
 utahensis McClay 43-24 Utah
 globosa McClay 43-25 Wash.
 crispata McClay 43-26 Cal.
 ovatus McClay 43-27 Cal.
 pascuensis Potts 45-141 Cal.
Gymnopyge
 hirsuta Cazier 39-17 Cal., Ariz.
Hoplia²¹
 cazier Boyer 40-8 Nev.
 ferri Boyer 40-10 Pa.
 humboldtensis Boyer 40-12 Cal.
 meridionalis Boyer 40-14 S.C., Fla.
 oregona Lec.
 s. deserticola Boyer 40-20 Nev., Cal.,
 [B.C.,
 Utah
 utahensis Boyer 40-24 Utah
 callipyge Lec. 56-285²²
 pubicollis Lec. 56-285²²
 oregona Lec. 56-284²²
 convexula Lec. 56-285²²
 irrorata Lec. 57-40²²
 mutata G. & H. 69-1113²²
 lecontei DallaT. 13-376²²
 ANOMALINI²³
Pachystethus
 floridana Robinson 41-133 Fla.
Rhombonalia
 adusta Robinson 41-132 Ariz.
Anomala Sam. 19-191
 (*Anomala* Rex 44-5)
 (*Anomala* Rex 44-17)
 * * *
Cotalpa Burm. 41-123²⁴
 * CIOCOTALPA Saylor 40-191
 consobrina Horn
 COTALPA s.str.
 suberibrata Wickh.
 flavida Horn
 lunigera Linn.
 ternicata Csy.²⁴
 mohavii Csy.²⁴
 tau Wickh.²⁴
 s. obesa Csy.²⁴
Paracotalpa Ohaus 15-256²⁵
 * (*Pocalt* Csy. 15-92)²⁵
 deserta Saylor 40-195 Cal.
 granicollis Hald.
 pubicollis Csy.²⁵
 puncticollis Lec.
 ursina Horn
 laxicauda Csy.²⁵
 brevis Csy.²⁵
 s. piccola Saylor 40-197 Cal.
 s. rotunda Csy.²⁵
 seriata Csy.²⁵
 s. rubripennis Csy.²⁵
Dynastinae
 CYCLOCEPHALINI^{26, 28}
Ancognatha Er. 47-97
 * *manca* (Lec.) 66-382 N.M., Ariz., Mex.
 equata Bates 88-297²⁷
 perspicua Csy. 15-126²⁷
 zumella Csy. 15-127²⁷
 durangoana Csy. 15-125²⁷
 levigata Bates 88-297²⁷
Coscinocephalus Prell 36-145²⁶
 * (*Unoplocephalus* Schffr. 06-259)²⁶
 eribrifrons (Schffr.) 06-260 Ariz.
Dyscinetus Harold 69-123²⁶
 * (*Chalepus* McLeay 19-149)²⁶

¹⁷ Saylor - 45; key and revision.¹⁸ Brown - 46; key to eastern species.¹⁹ Listed under *vicina*, Saylor - 39.²⁰ Cazier & McClay - 43; key and revision.²¹ Boyer - 40; key and revision.²² Chapin - 46.²³ Key to larvae, Ritcher - 43.²⁴ Saylor - 40; revision.²⁵ Saylor - 40; revision and key.²⁶ Saylor - 45; revision and key to genera.

²⁷ Saylor - 45; the implication in this paper that Saylor has dissected all the Casey Scarab types is very misleading. Less than a third of the holotypes (or species) have been dissected by anyone. Since Saylor states that "it is necessary to dissect and compare the male genitalia in order properly to place many of the troublesome variants," his synonymy must be considered as inconclusive.

²⁸ Key to Arkansas genera and species (males), Sanderson - 40.

- (*Pulechus* Csy. 15-174)²⁶
 morator (Fab.) 99-24 e.st.-Tex.
trachypygus Burm. 47-79²⁷
discolens Csy. 15-171²⁷
borealis Csy. 15-171²⁷
 picipes (Burm.) 47-79 Kan.-Cal. Mex.
obsoletus (Lee.) 54-222²⁷ [W.I.
geminatus (DuVal) 56-127²⁷
eburnus Csy. 15-169²⁷
subquadratus Csy. 15-166²⁷
gilianus Saylor 45-380
gilanus Csy. 15-168²⁷
levissimus Csy. 15-167²⁷
puncticauda Csy. 09-282²⁷
punctipes Bates 88-312²⁷
- Cyclocephala** Latr. 29 552²⁶
 * (*Spilosola* Csy. 15-112)²⁶
 (*Ochrosidia* Csy. 15-112)²⁶
 (*Dichromina* Csy. 15-112)²⁶
 knobelae (Brown) 34-23 Ark.
 dimidiata Burm. 47-57 Ark.-S.A.
ocularis (Csy.) 15-162²⁷
elegans Horn 71-337²⁷
 puberula Lee. 63-80 Ga. Fla. Ala.
 seditiosa Lee. 63-79 (not 56-79) Ga. Ala.
setidiosa Saylor 45-382
 hirta Lee. 61-346 Utah. Tex.-L.Cal.-Cal.
palidissima Csy. 15-133²⁷
magister Csy. 15-132²⁷
inconspicua Csy. 15-133²⁷
nubeculina Csy. 15-131²⁷
lurida Bland 63-354²⁷
 s.pilosicollis Saylor 36-2²⁷ Cal.
 longula Lee. 63-79 Utah.-Ore.-L.Cal.
californica Arrow 37-9²⁷
abrupta (Csy.) 15-152²⁷
plasma (Csy.) 15-156²⁷
obesula (Csy.) 15-156²⁷
oblongula (Csy.) 15-156²⁷
rustica (Csy.) 15-157²⁷
reflexa (Csy.) 15-153²⁷
marcida (Csy.) 15-155²⁷
rugulifrons Csy. 15-154²⁷
prona (Csy.) 15-157²⁷
ambiens (Csy.) 15-155²⁷
notulata (Csy.) 15-154²⁷
 robusta Lee. 63-79 La. Ark. Tex.
nigricollis Burm. 47-54^{27 28}
subcittata (Brown) 30-5^{27 28}
nigrocollis Saylor 45-384
 pasadenae (Csy.) 15-148 Tex.-Cal. L.Cal.
arizonica (Csy.) 15-149²⁷
melina (Csy.) 15-149²⁷
pusilla (Csy.) 15-150²⁷
facilis (Csy.) 15-150²⁷
validiceps (Csy.) 15-118²⁷
ovutula (Csy.) 15-151²⁷
 borealis Arrow 37-172 e.U.S.-Ark. Neb.
villosa Burm. 47-54²⁷
parallela (Csy.) 15-144²⁷
 immaculata (Oliv.) 89-29 e.U.S.-N.M.
frontalis Sturm 43-116²⁷
rufifrons (Csy.) 15-145²⁷
tenuicutis (Csy.) 15-146²⁷
pagana (Csy.) 15-148²⁷
protenta (Csy.) 15-144²⁷
- Aspidolea** Bates 88-296²⁶
 texana Höhne 12-84 ?Tex.
 * * *

Dynastinae

ORYCTINI²⁹**Cheiroplatys** Hope 37-84²⁹

- * (*Orizabus* Fairm. 78-260)²⁹
 (*Pseudaphonus* Csy. 15-210)²⁹
 (*Aztecilius* Csy. 15-228)²⁹
 elunalis (Lee.) 56-23 Tex.-Ariz. Mex
verticalis Fall 05-272²⁹
ligyrodes (Horn) 85-125²⁹
sallei (Fairm.) 78-262²⁹
marginatus (Fairm.) 78-262²⁹
cultripes (Fairm.) 78-261²⁹
frontalis (Csy.) 15-226²⁹
ponderosa (Csy.) 15-228²⁹
parvitaris (Csy.) 15-227²⁹
snovi (Horn) 85-124²⁹
 pyriformis (Lee.) 48-21 Colo. N.M.
ovalis (Csy.) 15-212²⁹
repens (Csy.) 15-212²⁹
debiliceps (Csy.) 15-213²⁹
lucidus (Csy.) 15-213²⁹
puncticollis (Csy.) 15-335²⁹
 isodonoides (Fairm.) 78-263 Colo. Mex.
 brevicollis (Prell) 14-204 L.Cal.Mex.

Strategus Hope 37-87²⁹

- * (*Unastrategus* Csy. 15-231)²⁹
 (*Strategodes* Csy. 15-245)²⁹
 (*Strategopsis* Chpn. 32-302)²⁹
 (*Scatophilus* Chpn. 32-302)²⁹
 julianus Burm. 47-133 Miss.-S.A.
gaillardii Csy. 15-244²⁹
roosevelti Csy. 15-241²⁹
arizonicus Schffr. 15-17²⁹
tarsalis Csy. 15-243²⁹
 mormon Burm. 47-130 Kan. Tex. Utah
 splendens (Beauv.) 05-80 N.C.-Fla.
bosci (Beauv.) 05-80²⁹
carolinensis (Csy.) 15-237²⁹
cognatus (Csy.) 15-236²⁹
 cessus Lee. 66-382 Ariz. N.M. Mex.
durangoensis (Csy.) 15-234²⁹
inflatus (Csy.) 15-234²⁹
tantalus (Csy.) 15-235²⁹
cavicauda (Csy.) 15-233²⁹
 anteus (Drury) 73-74 R.I.-Fla.-Tex.
maimon (Fab.) 75-10²⁹
syphax Burm. 47-131²⁹
houstonensis Knaus 25-182²⁹
atrolucens (Csy.) 15-247²⁹
pinorum (Csy.) 15-248²⁹
septentrionis (Csy.) 15-249²⁹
divergens (Csy.) 15-246²⁹
sinuatus (Csy.) 15-250²⁹
semistriatus (Csy.) 15-250²⁹

Xyloryctes Hope 37 90²⁹

- * jamaicensis (Drury) 73-74 e.U.S.-Ariz.
satyrus (Fab.) 75-12²⁹ [Jam.
americanus (Beauv.) 05-75²⁹
faunus Csy. 95-609²⁹
hebes Csy. 15-257²⁹
lacustris Csy. 15-225²⁹
tenuicornutus Csy. 15-255²⁹
obsolescens Csy. 15-256²⁹

²⁹ Saylor—46; revision.³⁰ See notes under *Cyclocephala*, above.

Ligyros Burm. 47: 542

- * *Tomarius* Er. 47: 95
Leggyrodes Csy., 15: 178²⁹
Gryllus Csy., 15: 189²⁹
Oxygrylus Csy., 15: 204²⁹
Leggyrellus Csy., 15: 206²⁹
Pauligyus Csy., 15: 185²⁹
relictus (Say) 25: 194²⁹ R.I., Neb., Ariz.,
elyptus (Csy.) 15: 181²⁹
parviceps Csy., 15: 182²⁹
quadripennis (Csy.) 15: 182²⁹
ternicollis (Csy.) 15: 182²⁹
dawsoni Csy., 24: 331²⁹
allei Bates 88: 318²⁹ Tex., C.A.,
a. texus Csy., 15: 181²⁹
propinquus Csy., 15: 183²⁹
umbellus (Fabr.) 01: 20²⁹ U.S., C.A., S.A.,
tumulosus (Burm.) 47: 101²⁹ [W.I.,
antillarum (Burm.) 05: 101²⁹
gibbosus (Deg.) 71: 322²⁹ U.S., L.Cal., Mex.,
variolosus (Burm.) 55: 121²⁹
inconcus (Burm.) 55: 121²⁹
morio (Lee.) 48: 20²⁹
absolutus (Lee.) 48: 87²⁹
neglectus (Lee.) 48: 87²⁹
puncticauda Csy., 15: 195²⁹
arizonensis Csy., 15: 201²⁹
brevipes Csy., 15: 202²⁹
brevicollis Csy., 15: 196²⁹
lacustris Csy., 15: 196²⁹
californicus Csy., 15: 203²⁹
laticollis Csy., 15: 203²⁹
curtipennis Csy., 15: 199²⁹
effetus Csy., 15: 200²⁹
fardus Csy., 15: 200²⁹
latulus Csy., 15: 197²⁹
leucocauda Csy., 15: 202²⁹
laticauda Csy., 15: 197²⁹
longulus Csy., 15: 193²⁹
parallelus Csy., 15: 194²⁹
remotus Csy., 15: 194²⁹
rubidus Csy., 15: 198²⁹
lucublandus Csy., 15: 199²⁹
scutulus Csy., 15: 203²⁹
spissipes Csy., 09: 293²⁹
texanus Csy., 15: 195²⁹
virginicus Csy., 15: 193²⁹
hyemiculatus Csy., 15: 198²⁹
subtropicus Blatch, 22: 30²⁹ S.C., Fla.,
blatchleyi Cart., 44: 34²⁹
kevincolis Bates 88: 316²⁹ Ariz., L.Cal., C.A.,
bryanti Rivers 91: 97²⁹

Oxygryllus Csy., 15: 208²⁹

- * (*Oxygyllus* Saylor 46: 41)
virginicus (Lee.) 56: 20²⁹ N.M., Cal., L.Cal.,
peninsularis Csy., 15: 209²⁹ [Mex.]

Aphonides Rivers, 15: 230²⁹

- * (*Inoplognathus* Rivers 89: 101²⁹)
dunhami (Rivers) 89: 102²⁹ Tex., Ariz.

Euthetola Bates 88: 314²⁹

- * *rugiceps* (Lee.) 56: 21²⁹ Ga., Ky., Tex.,
subglabra (Schiff.) 09: 383²⁹ Ariz., Mex.

Aphonus

- brevispinis* Cart., 44: 36²⁹ Tex.

PHILEURINI³¹**Phileurus**

- flavus* (Bersw.) 07: 41³¹ Fla., Mex.,
recreabilis Csy., 15: 266³¹
illatus (Lee.) 54: 80³¹ Ariz., Cal., L.Cal.,
vitidus Lee., 66: 80³¹
phoeniceus Csy., 15: 267³¹
puncticollis Csy., 15: 268³¹
ca. tamen Habel, 44: 304³¹ Pa., Fla., Ariz.,
texensis Csy., 15: 268³¹
calidus Csy., 15: 269³¹
deridanius Csy., 15: 270³¹
carolinus Csy., 15: 269³¹
valgus of authors
valens L., 58: 347³¹ (W.I., S.A.)
s. septentrionalis Kolbe 10: 352³¹ Ala.,
 [Tex., Cuba]

Archophileurus

- coloratus* (Lee.) 51: 80³¹ Tex., Mex.,
badialis Csy., 15: 274³¹
longulus Csy., 15: 273³¹
brevis Csy., 15: 272³¹

Cotinis

- pallidula* G. & P., 33: 336³² Ariz., Cal.,
arizonica Csy., 15: 287³²

Chlorixanthus Bates 89: 374

- chapmani* Cart., 39: 363³² Tex., Mex.

CREMASTOCHEILINI^{33, 34}**Lissomelas** Bates 89: 376³³

- * *florii* Bates 89: 376³³ Ariz., Mex.

Psilocnemis Burm., 42: 676³³

- * *leucostriata* Burm., 42: 677³³ Md.-N.C., Mex.

Gennethinus Westw., 71: 23

- * *inceptus* Horn 85: 127³³ Ariz., Cal.,
angustus Csy., 15: 344³³ Ariz.

Crema스토cheilus Knoch 01: 115³³

- * *MACROPODINA* Csy.,
 [15: 344^{33, 34}]
puncticollis Cazier 40: 124³⁴ Ariz., Cal.,
planatus Lee., 63: 81³⁴ Ariz., Cal., Mex.,
ampla Csy., 15: 346^{33, 34}
depressa (Horn) 71: 310³⁴
beameri Cazier 40: 126³⁴ Ariz.,
 CREMASTOCHEILUS s.str.
barrishi Kby., e.U.S.,
cassinea Knoch Can. Conn., Colo., Gulf
violenter Westw.³⁴ Missyall,
xylocularis Csy.³⁴ Man., Colo.,
xyloxyetosis Csy.³⁴ s.U.S.,
candideulatus Kby., Can., Ga., Ohio
retroctus Lee., Ia., Tex.,
vancouveris Csy.³⁴ Kan., Colo.,
variolosus Kby., e.U.S.,
sepiamulosus Lee., N.C., Fla.,
angularis Lee., Cal.,
compressipes Csy.³⁴
nitens Lee., Neb., Mo., Kan.,
chapmani Cazier 40: 130³⁴ Ariz.

³² Chapin—46³³ Potts—45; key to genera and species.³⁴ Cazier—40; key to genera.²⁹ Saylor—46; revision.³¹ Cazier—40; key to genera and species.

armatus Walk. Nev. Cal.—B.C.
densicollis Csy.³³
obliquus Csy.³³
v.maritimus Csy.³³ Cal. Ore.
maritimus Potts 45-76
v.montanus Csy.³³ Nev. Cal.—Wash.
v.cribripennis Csy.³³ Cal.
mexicanus Schaum Ariz.
crinitus Lec. Tex. N.M.
v.lifoceatus VanD.³³ N.M.—Ariz.—B.C.
v.pugetanus Csy.³³ Colo.—Wash.
knorchi Lec. Man.—N.M.
gracilipes Csy.³³
arcolatus Csy.
pulverulentus Cazier 40-131 N.M.
quadratus Fall Ariz.
westwoodi Horn Cal.
v.tridens Csy.³³ Cal.
schaumi Lec. Cal.
v.tribialis Csy.³³ Ariz. Cal.
lengi Cazier Ariz.
wheeleri Lec. Mont. Neb.—Cal.
constricticollis Cazier 40-127 Ariz.
sauvius Lec. Neb.—Colo.—Tex.
hirsutus VanD. Ariz.
spinifer Horn Tex.
opaculus Horn Ariz. Cal.
setosifrons Csy. Kan.
quadricollis Csy. Tex.
planipes Horn Ariz.
mentalis Cazier 40-129 N.M.

* * *

Osmoderma Lep. & Serv. 25-702³⁵

* (*Cymmodus* Kby. 37-139)³⁵
scabra (Beauv.) 05-58³⁶
foveatus Kby. 37-140³⁵
rugosa Kby. 37-140³⁵
delicatula Csy. 15-372³⁵
gracilipes Csy. 15-374³⁵
beauvoisii Bamb. 41-481³⁵
cariceps Csy. 15-374³⁵
lacustrina Csy. 15-375³⁵
casyi Schenk. 22-9³⁵
eremicola Knoch 01-105
subplanata Csy. 15-376³⁵
montana Wickh. 20-233³⁵

LUCANIDÆ*PLATYCERINI*³⁷**Platycerus** Geoff. 62 62³⁸

* (*Systemocerus* Weise 83-93)³⁸
 (*Systemus* Shp. & Muir 12-573)³⁸
oregonensis Westw. 16-277 Cal.—B.C.
oregonensis Westw. 44-106³⁸
cærulescens Lec. 61-315³⁸
chalybeus Csy. 97-639³⁸
virescens (Fab.) 94-87 e.Can.—e.U.S.
quercus Weber 01-85³⁸
securidens Say 23-249³⁸

scaritoides Sturm 43-136³⁸
quercicola Knoch 68-961³⁸
angustus Csy. 08-280³⁸
torvus Csy. 08-280³⁸
peregrinus Csy. 08-280³⁸
piceus Kby. 37-141 Newf.—Md.—Ida.
depressus Lec. 50-224³⁸
marginalis Csy. 97-639 Wyo.—Cal.—B.C.
cribripennis VanD. 28-107³⁹ Cal.

Platyceroides Benesh 46-175

* (*Platycerus* Lec. 61-315, part)³⁷
agassii (Lec.) 61-315⁴⁰ Cal. Ore.
agassii of authors⁴⁹
parvicollis (Csy.) 90-164^{38 41}
pacificus (Csy.) 90-165^{38 41}
californicus (Csy.) 85-331³⁸
s.pygmaeus VanD. 46-88 Cal.
aeneus (VanD.) 28-109 Ore. Wash.
thoracicus (Csy.) 95-154 Cal.
opacus (Fall) 06-393 Cal.
latus (Fall) 01-291 Cal.
viriditinctus (Benesh) 42-222 Ore.
laticollis (Csy.) 11-373 Ore.

Platyceropopsis Benesh 46-195

* (*Platycerus* Csy. 95-153, part)³⁷
keeni Csy. 95-153 Cal.—B.C.
pedicellaris Möll. 12-302³⁸

CERAMBYCIDÆ**Stenodolentes**

NOTHOPIEURUS Lac.
lobigenis (Bates) 84-235 Tex.—Cal. L.Cal.
 [Mex.
gnatho Lec. 58-81 (not White)⁴²
mandibularis Gemm. 72-254 (not
castaneus Csy. 24-225⁴² [Fab.])⁴²

Orthosoma Serv. 32-154⁴³

cylindricus Fab.

Smodicum

pacificum Linsley 34-107 [Tres Marias Is.]
s.penninsulare Linsley 42-27 L.Cal.

Asemina*ATIMINI*⁴⁴**Atimia**⁴⁵

vandykei Linsley 39-74 N.M.
hoppingi Linsley 39-75 Ore. Wash.

* * *

Haplidus

laticeps Knull 41-317 Tex.

Styloxus Lec. 73-239

(*Idamea* Horn 80-137)⁴⁶
 (*Malthophia* Csy. 12-308)⁴⁶
 (*Malthopia* Linsley 40-34)

³⁵ Hoffmann—39; key to species.³⁶ Not validated in this reference; see later uses, such as Gory & Perch. 33 47.³⁷ Benesh—46; new tribe and key to genera.³⁸ Benesh—46; revision.³⁹ Placed as a synonym of *marginalis* by Benesh—46; reinstated as species by Benesh in litt.⁴⁰ These spellings reversed by Benesh—46.⁴¹ This date is given as 1889 by Leng and as 1875 by Benesh.⁴² Linsley—42.⁴³ Distinct genus, Linsley—40.⁴⁴ Linsley—39; key to genera.⁴⁵ Linsley—39; key to species.⁴⁶ Linsley—40.

METHIINI⁴⁷**Tessaropa**

(*Dysphaga* Lec. 52-113)⁴⁶
(*Tessaroptes* G. & H. 73-306)⁴⁵

Coleomethia Linsley 40-32

* *exaniformis* (Knull) 37-306⁴⁵ Tex.

Methia

robusta Linsley 40-285 Cal.
dubia Linsley 40-286 Ariz.
acostata Linsley 40-287 Ariz.
knulli Linsley 40-288 Ariz.
carinata Linsley 40-289 Ariz.
pieta Linsley 42-29 L.Cal.
separata Linsley 42-30 L.Cal.
subarmata Linsley 42-31 L.Cal.
pallidipennis Linsley 42-32 L.Cal.

* * *

Achryson

surinamum (L.) 67-632 Tex. Ariz. L.Cal.
[Mex. S.A.]

circumflexus (Fab.) 87-144⁴²

longicollis (Deg.) 75-117⁴²

pallens (Fab.) 92-297⁴²

surinamensis (Oliv.) 95-54⁴²

Tylonotus

champlumi Knull 41-695 Pa.

Gnaphalodes

trachyderoides Thoms. 60-236 Tex. L.Cal.
inermis Bates 84-243⁴² [C.A.]

Eburia

falli Linsley 40-257 Ariz. Cal.
semipubescentis Fall 09-163
(not Thomson)

Anepsyra

grandicollis Linsley 42-40 L.Cal.

Aneflomorpha

australis Linsley 42-37 L.Cal.
rosalia Linsley 42-38 L.Cal.

Anelaphus

subnervatus Linsley 42-42 L.Cal.
punctatus (Lec.) 73-185 L.Cal.
subdepressus Schffr. 04-222 Ariz. L.Cal.
michelbacheri Linsley 42-42 L.Cal.
moeratus (Lec.)⁴⁹

Anoplum

insolentum Linsley 42-43 L.Cal.

Meganoplum Linsley 40-258

* *imbelle* Lec. 81-27 Cal.

Anoplocerius Fisher 20-153⁵⁰

* *incompletus* Linsley 42-47 L.Cal.
altus Knull 42-224 Tex.

Perigracilia Linsley 42-48

* *tenuis* Linsley 42-49 L.Cal.
delicata Knull 42-225 Ariz.

EUMICHTHINI⁵¹**Eumichtus** Lec. 73-190⁵²

* (*Eumichtus* Amyr. 12-138)
ordipus Lec.

Pecilobrium Horn 83-291⁵³

(*Pecilobrium* Linsley 40-369)
(*Callinus* Lec. 73-305)⁴⁶
chalybeum Lec.

OBRIINI⁵⁴**Obrium**HYBODERINI⁵⁵**Hybodera** Lec. 73-191⁵³**Lampropterus** Muls. 63-214

(*Callinus* Muls. 46-344)⁴⁶
(*Pilema* Lec. 73-191)⁴⁶
(*Callimellon* Strand 28-2)⁴⁶

Pseudopilema Linsley 40-373

* *hoppingi* VanD. 20-36⁵⁶ Cal.

Megobrium Lec. 73-192⁵³MOLORCHINI⁵⁷**Molorechus** Fab. 92-356

(*Helomanes* Newm. 40-17)⁴⁶
(*Glaephyra* Newm. 40-19)⁴⁶
(*Laphyra* Newm. 42-418)⁴⁶

STENOPTERINI⁵⁸**Callimoxys** Kr. 63-405

* * *

LEPTURINI⁵⁴**Toxotus**

spinosus R.Hopp. 40-32 Ore.
oklahomensis R.Hopp. 40-33 Okla.

Centrodera

arida VanD. 46-89 Cal.
osburni Knull 47-73 Cal.

Cortodera Muls. 63-572⁵⁹

* (*Leptocnopus* Csy. 13-230)⁵⁹
impunctata Hopp. 47-222 Ore. Wash.
placensis Hopp. 47-223 Cal.
sierrae Hopp. 47-224 Cal.
militaris (Lec.) 50-322 Ida. Wash. Ore.
[Cal.]
berkeleyensis Hopp. 47-226 Cal.
oregonensis Hopp. 47-227 Ore.
harneyensis Hopp. 47-228 Ore.
bakeri Hopp. 47-229 Wash.
longicornis (Kby.) 37-185 Mont.-Nev.-

⁴² Linsley—42.⁴⁶ Linsley—40.⁴⁷ Key to genera, Linsley—40.⁴⁸ Transferred from Methia by Linsley—40.⁴⁹ Transferred from Anoplum by Linsley—42.⁵⁰ Key to genus, Knull—42.⁵¹ To precede Obriini, key, Linsley—40.⁵² Transferred from Obriini, by Linsley—40.⁵³ Transferred from Molorchini by Linsley—40.⁵⁴ Key to tribes, Linsley—40.⁵⁵ New tribe to follow Obriini, Linsley—40.⁵⁶ Transferred from Callinus by Linsley—40.⁵⁷ To follow Hyboderini, Linsley—40.⁵⁸ To follow Molorchini, Linsley—40.⁵⁹ R. Hopping—47; revision of genus.

- marginalis* (Lec.) 57-28 ⁵⁹ [B.C.]
vineta (Lec.) 61-356 ⁵⁹
ligata (Lec.) 73-211 ⁵⁹
punctiventris Csy. 13-238 ⁵⁹
alticola Csy. 13-239 ⁵⁹
suturalis Csy. 24-277 ⁵⁹
dorsalis (Lec.) 59-21 ⁵⁹
nitidipennis (Csy.) 13-236 Ida. Wash. Ore.
subpilosa (Lec.) 50-322 Alb.-Kan.-Cal.-
lupina (Lec.) 60-321 ⁵⁹ [B.C.]
intermedia Csy. 13-236 ⁵⁹
pugetana Csy. 13-237 ⁵⁹
quadriceps Csy. 13-237 ⁵⁹
spuria (Lec.) 73-228 Ore. Wash.
conifera Hopp. 47-233 Colo. Wash. B.C.
stolida (Csy.) 24-277 Nev.
robusta Hopp. 47-234 Wash.
basalis (Lec.) 73-211 Cal.
dichroma Csy. 13-231 ⁵⁹
auricollis Csy. 13-232 ⁵⁹
elegantula Csy. 13-232 ⁵⁹
cuneata Csy. 13-231 ⁵⁹
minima Csy. 13-233 ⁵⁹
cubitalis (Lec.) 50-322 ⁶⁰ Cal.
temporalis Csy. 13-233 ⁵⁹
quadrinotata Csy. 13-233 ⁵⁹
tenuis Csy. 13-233 ⁵⁹
variipes Csy. 13-234 ⁵⁹
* * *
ACMÆOPSILLA Csy. 13-240
falsa (Lec.) 59-80 ⁶¹ Cal. L.Cal.
- Anthophylax**
viridis Lec. 50-326 ⁶² Ariz.
- Strangalia** Serv. 35-220
pacifica Linsley 40-255 Cal.
- Anoplodera**
jacintana Linsley 40-256 Cal.
scapularis VanD. 20-43 ⁶³ Cal.
isabelle R.Hopp. 22-162 ⁶³
- Ophistomis**
kevicollis Bates 80-39 [C.A.]
s.ventralis Horn 94-401 ⁶¹ Ariz. L.Cal.
- Encyrtina**
texana Knull 41-388 Tex.
- Vesperoctenus** Bates 91-159
bohri Bates 91-160 L.Cal. ⁶⁴ Mex.
- NECYDALINI ⁶⁵
- Necydalis** ⁶⁶
kevicollis Lec.
s.seminiger Linsley 40-277 Cal.
diversicollis Schffr.
s.californica Linsley 40-279 Cal.
* * *
- Callidiellum** Linsley 40-254
cupressi VanD. 23-48 ⁶⁷ Cal.
- Semanotus**
ANOCOMIS Csy. 12-271 ⁶⁸
- Callidium**
sempervirens Linsley 42-192 Cal.
- Phymatodes**
(Phymatodis Knull 40-556)
urise Knull 40-556 Wyo.
vittatus Linsley 40-253 Cal.
vile Lec. 73-172 ⁶⁴
(not Newman, 1842)
hardyi VanD. 28-112 ⁶⁹ B.C.
hirtellum Lec. 73-172 ⁶⁹ Colo. Cal.
mulkini Fisher 42-51 Ore.
- Megaelyllene** Csy. 12-348 ^{70 71}
* *(Cyllene* Newm. 40-7, not Gray, [1834]) ^{70 71}
- antennata* White 55-252 Tex.-Cal. L.Cal.
curystethus Lec. 58-82 ⁷²
robiniae Forst. 71-43 Me.-Pa.-Minn. Ont.
flexuosa F. 75-191 ⁷²
angulata Fab. 75-192 ⁷²
pictus Drury 70-91 ⁷²
caryæ Gahan 08-141 Mass.-Ont.-Md.-
[Mex.]
snowi Csy. 12-353 N.M. Ariz.
decora Oliv. 95-63 N.Y.-Ala.-Tex.-Neb.
a.charus Say 35-193 ⁷²
a.mediana Auriv. 12-384 ⁷²
a.horni Auriv. 12-384 ⁷²
a.castelnaui Auriv. 12-384 ⁷²
a.genitiva Csy. 12-355 ⁷²
a.solida Csy. 12-355 ⁷²
a.kansana Csy. 12-355 ⁷²
infusta Lec. 50-17 Minn.-N.M.
zumiana Csy. 12-353 N.M.
lutosa Lec. 61-356 Kan.
angulifera Csy. 12-354 Alb.-Man.-Kan.
- Megaacheuma** Mickel 19-198 ⁷²
* *brevipennis* (Lec.) 73-197 Wyo. Ut. Ore.
melanosticum Mickel 19-199 ⁷²
- Placosternus** G.R.Hopp. 37-447
* *difficilis* (Chevr.) 62-263 Tex. Cal. Cuba
reducta Csy. 12-351 ⁷²
flicicornis Csy. 12-352 ⁷²
- Glycobius** Lec. 73-319 ⁷²
* *speciosus* (Say) 28-53 N.H.-N.J.
- Calloides** Lec. 73-319 ⁷²
* *nobilis* (Harr.) 36-84 (N.A.)
muliebris Csy. 12-358 ⁷²
coloradensis Csy. 12-358 ⁷²
v.regalis Chevr. 60-488 ⁷²
mormonus Schffr. 11-124 ⁷²
lorquini (Buqu.) 59-629 Nev. Cal.
- Tyleus** Csy. 12-348 ⁷²
* *hartwegi* (White) 55-252 Ariz. Mex.
- Sarosesthes** Thoms. 66-185 ⁷²
* *fulminans* (Fab.) 75-192 Pa.-D.C.-Kan.-
[Minn.]
- Ochraethes** Chevr. 60-454 ⁷²
* *(Ochraethes* Chevr. 60-472) ⁷²

⁶⁰ Error for Lec. 61-355.⁶¹ Linsley—42.⁶² Distinct species. Knull—42.⁶³ Transferred from Leptura by Linsley—40.⁶⁴ Linsley—40.⁶⁵ Linsley—40; revision and key to genera.⁶⁶ Linsley—40; key to species.⁶⁷ Transferred from Semanotus by Linsley—40.⁶⁸ Misspelled Anacomis in Leng—20 and 4th Suppl., Leech in litt.⁶⁹ Transferred from Callidium, by Linsley—40.⁷⁰ Fisher—45.⁷¹ Synonymy reversed by G. R. Hopping—37.⁷² G. R. Hopping—37; revision.

- Ochrestes* Thoms. 60-216⁷²
Ochrestes Linsl. 69-65⁷²
Ochrestes Bates 80-50⁷²
 sigmoideus Bates 85-298 Tex., Mex.
 TRIODONTYLUS Csy. 12-374
 lunifer (Lec.) 73-198 (N.A.)
- Arhopalus** Serv. 31-77
Crioccephalon Dej. 35-328⁶¹
Crioccephalus Muls. 39-63⁶⁴
- Xylotrechus**
 robustus R. Hopp. 41-29 Colo.
- Neoclytus**
 irritatus (Lec.) 58-26⁷³ Tex., Cal., L. Cal.
morosus (Chevr.) 60-501⁶¹ [Mex.]
- Epiphorus** Chev. 61-248
 bicinctus Linsley 35-88 [Mex.]
 spemiusularis Linsley 42-56 L. Cal.
- Rhopalophora**
 proruha Knull 44-91 Ariz.
- Rhopalophorella** Linsley 42-57
 bicincta (Horn) 95-245 L. Cal.
- Stenosphenus** Hald. 47-39⁷⁴
 * aridus Linsley 35-166 Utah
 castaneus Csy. 24-269 Tex., N. M.
 pinorum Csy. 24-268 N. J., Fla.
 notatus (Oliv.) 95-61
deflexum (Newm.) 40-6⁷⁴
discoideus (Sturm) 26-199⁷⁴
discicollis (Dej.) 35-330⁷⁴
 nigricornis Fisher 46-90 Cal.
 debilis Horn 85-179 Utah
 lugens Lec. 62-41 Tex., Mex.
hirsutipennis Bates 72-191⁷⁴
 heyeri Schffr. 05-163 N. M., Ariz.
 dolosus Horn 85-179 Tex.
 rossi Linsley 42-15 L. Cal.
 novatus Horn 85-178 L. Cal.
lucanus Csy. 12-346⁷⁴ 61
 basicornis Linsley 31-60 L. Cal.
 lepidus Horn 85-179 Ariz.
 prudeni Csy. 12-346 Ariz.
 longicollis Csy. 91-31 Tex.
 * * *
- picus Knull 46-253 Tex.
 texanus Knull 46-254 Tex.
- Gymnopsira**
 notabilis Knull 47-72 Cal.
- PSEBIINI**
- Tragidion**
 armatum Lec. 58-25 Tex., Cal., 61
 gracilipes Linsley 40-136 Cal.
 pennsulare Schffr. 08-339⁷⁵ L. Cal., 61
 scutiformicum Linsley 40-137 Cal.
annulation of authors (not Lec.)⁶⁴
- Crossidius**
 austrius Linsley 42-61 L. Cal.
- ruficollis Linsley 43-147 Cal.
 brunneipennis Linsley 43-148 Nev.
- Oxoplus**
 eruentus Lec. 62-42⁷⁵ L. Cal.
eruentatus Horn 94-338⁷⁵
 tumacacori Knull 44-91 Ariz.
- Elytroleptus**
 davisi Knull 40-558 Tex.
- Parevander** Auriv. 12-453
Parevander Lac. 69-160⁷⁶
 (not Thomson, 1860)
 xanthomelas (Guér.) 44-258 L. Cal., C. A., 61
- Plionoma** Csy. 12-333⁷⁷
 rubens (Csy.) 91-34 Tex., Cal., L. Cal.
 basalis (Horn) 94-401⁷⁸ L. Cal.
- Taranomus** Csy. 12-333⁷⁷
 bivittata (Dupon.) 38-58 Tex., Cal., Mex.
bilineata Gory 39-pl. 45⁷⁹ L. Cal.
 pallida (Schffr.) 05-132⁸⁰ L. Cal.
 linsleyi Knull 42-226 Ariz.
- Lissonotus**
 flavocinctus Dap. 36-9
 spuncticollis Bates 85-90 Cal., Ariz.
lucanus Csy. 12-317⁷⁹ L. Cal.
- Dendrobias**
 mandibularis Serv. 34-42 Tex., Cal., Mex.
quadrinaculatus Dupont 36-22⁷⁹ L. Cal.
 peninsularis Csy. 12-316⁷⁹
- Monilema**
(Monilema Agassiz 46-237)
 COLLAPTERYX Newm. 38-397
 michelbacheri Linsley 42-67 L. Cal.
 gigas Lec. 73-286 Tex., Utah-L. Cal., Mex.
constricta Csy. 13-285⁸¹
ateana Csy. 13-285⁸¹
pimalis Csy. 13-285⁸¹
spiniacollis Csy. 13-286⁸¹
pollens Csy. 13-286⁸¹
pleuralis Csy. 24-286⁸¹
colossa Csy. 24-289⁸¹
- MONOCHAMINI**⁸²
- Neoptychodes** D. & D. 41-44⁸²
 * trilineatus (L.) 71-532 S. C., Fla., Ariz.
vittata (Fab.) 77-231⁸² [C. A.]
insularis Fairm. 50-61⁸²
abbreviatus Csy. 93-593⁸²
- Monochamus** Guér. 27-91⁸²
 * *(Monochamus of authors.)*⁸²
 scutellatus (Say) 24-289 Newf., N. C.,
resutor Khy. 37-167⁸² [Alas.]
 oregonensis (Lec.) 73-231 N. D., Cal.,
monticola Csy. 13-293⁸² [Alas.]
 obtusus Csy. 91-15 Ida., Wash., Cal.
 fulvomaculatus Linsley 33-118 Cal.

⁷⁶ Blackwelder—46.⁷⁷ Treated as a genus by Linsley—42.⁷⁸ Transferred from Sphenothecus by Linsley—42.⁷⁹ Linsley—42.⁸⁰ Transferred from Isochnemis by Linsley—42.⁸¹ Linsley—42, after Psota—30.⁸² Dillon & Dillon—41; revision of tribe.⁶¹ Linsley—42.⁶⁴ Linsley—40.⁷² G. R. Hopping—37.⁷³ Transferred from Rhopalopachys by Linsley—42.⁷⁴ Fisher—46; revision.⁷⁵ Treated as a species by Linsley—42.

- maculosus (Hald.) 47-51
 s. maculosus s.str. Neb.-Tex.-Cal.
clamator (Lee.) 52-149⁸²
strenuus Csy. 13-293⁸²
 s. linsleyi Csy. 24-290⁸⁸ Neb.-Cal.-B.C.
 s. nevadensis D. & D. 41-72 Nev.
 linsleyi D. & D. 41-72 Cal.
 notatus (Drury) 77-65 N.S.-S.C.-B.C.
confusor Kly. 37-168⁸²
 mutator Lec. 50-235 Mich. Minn.
 carolinensis (Oliv.) 90-463 Mass.-Fla.-
dentator (Fab.) 75-278⁸² [Tex.-
minor Lec. 73-231⁸² [Minn. Mex.
 titillator (Fab.) 75-172 Mass.-Fla.-Tex.-
angusticollis Csy. 24-292⁸² [N.D.
obesus Csy. 24-290⁸² [S.A.
 marmorator (Kly.) 37-169 Que.-N.C.-
acutus Lac. 69-316⁸² [Minn.
- Microgoes** Lec. 13-298⁸²
 * oculatus (Lee.) 62-40 Me.-Ala.-Ill.
tenuicornis Csy. 13-298⁸²
- Goes** Lec. 52-150⁸²
 * debilis Lec. 52-150 Mass.-Fla.-Minn.-
 [Ariz.
 tigrinus (Deg.) 75-114 N.Y.-Fla.-La.
tomentosus (Zieg.) 46-47⁸² [Mex.
marmoratus Csy. 13-296⁸²
 pulchra (Hald.) 47-150 Mass.-Ga.-Tex.-
 [Ont.
 fisheri D. & D. 41-122 Tex.
 pulverulentus (Hald.) 47-51 Mass.-Fla.-
 [Tex.-Minn.
laurenticus Csy. 13-297⁸²
 novus Fall 28-236 ?Ill. Tex.
 tessellatus (Hald.) 47-51 Mass.-Fla.-
amplipennis (Csy.) 13-295⁸² [Tex.-
robinsoni Csy. 14-368⁸² [Minn.
- Cacoplia** Lec. 52-149⁸²
 * (*Hebestola* [Hald. 47-54])⁸²
 nebulosa (Hald.) 47-54 Mass.-Ala.-Minn.
 pullata (Hald.) 47-55⁸²
pruinosa Lec. 52-149⁸²
- Plectrodera** Lec. 52-151⁸²
 scalator (Fab.) 92-278 N.Y.-Ga.-Tex.-
belli Lec. 44-209⁸² [Mont. Mex.
 * * *
- Neoptychodes** D. & D. 41-44
 trilineatus (Linn.) 71-532⁷⁹ Fla.-L. Cal.
villatus (Fab.) 76-231⁷⁹ [S.A.
- Monoctamus**
 notatus (Drury) 75-65 N.Y. Ind. Wis.
 s. morgani Hopp. 45-17 B.C.
 obtusus Csy. 91-45 Cal. B.C.⁸³
- Goes**
 pulcher (Hald.)
 v. fuscatu Knull 44-92 Okla.
- alternatum* (Say) 23-405
 s. alternatum s.str. e.U.S.-Tex.
 s. octovittata Knull 37-307 Tex.
 nigrum (Say) 27-272 e.U.S.-Tex.
- Heteromis** Hald. 47-54⁸⁴
 * cinerea (Oliv.) 95-28 Pa. Md. Mich.
 s. cinerea s.str.
 s. bimaculata D. & D. 47-293 Kan.
 * * *
- Leptostylus**
 arcuatus Lec. 52-168
floridanus Champl. & Kn. 22-148⁸⁵
- Leiopis**
 rosaliae Linsley 42-71 L. Cal.
 rossi Linsley 42-71 L. Cal.
 gracilipes Linsley 42-72 L. Cal.
 nivosus Linsley 42-73 L. Cal.
- Estoloides** Breuning 40-72
 sordida (Lee.) 73-237⁸⁶ L. Cal.
 sparsa Linsley 42-78 L. Cal.
- Ecyrus**
 pacificus Linsley 42-80 L. Cal.
- Polianus**
 obliquus Linsley 42-81 L. Cal.
- ONCIDERINI*⁸⁷
- Lochmaeocles** Bates 80-124⁸⁸
 * cornuticeps Schffr. 06-20⁸⁹
 s. cornuticeps s.str. Tex. Mex.
tessellatus Knull 37-42^{88 90}
 marmoratus Csy. 13-351 Ariz. Eena.
- Oncideres** Serv. 35-67⁸⁸
 † pustulata Lec. 54-82 Tex. ?Ill.
putator of High 15-09 (not Thoms.)⁸⁸
trinodatus of Essig 26-460 (not
 [Csy.]⁸⁸
 rhodosticta Bates 85-365 Tex.-Ariz.
 [L. Cal. Mex.]⁷⁹
putator of Horn 85-195⁸⁸
cingulatus of Hamilt. 96-141 (not
trinodatus Csy. 13-352^{88 79} [Say])⁸⁸
pustulatus of Essig 26-460⁸⁸
 quercus Skinn. 05-291 Ariz.
 cingulata Say 26-272 Conn.-Tex. Cal.
 [Mex.
texana Herrick 02-15 (not Horn)⁸⁸
pallescens Csy. 13-353⁸⁸
prædicens Csy. 13-354⁸⁸
texana Horn 85-195⁸⁸
subtropicus Csy. 13-353⁸⁸
- Oherca**
 canadensis Fisher 45-56 Ont.

DORCASCHEMATINI

- Dorcascema** Lec. 52-147⁸⁴
 * wildii Uhler 55-417 Mass.-Ky.

⁸³ Dillon & Dillon—43.⁸⁴ Dillon & Dillon—47; revision of genus.⁸⁵ Knull—42.⁸⁶ Transferred from Estola by Linsley—42.⁸⁷ Key to genera, Dillon & Dillon—45.⁸⁸ Dillon & Dillon—46; revision of genus.⁸⁹ Transferred from Oncideres by Dillon & Dillon—46.

CHRYSOEIDIDÆ⁹⁰**Macrolea** Sam. 19: 211*(Apelma* Billb., 20: 53⁹¹)*(Hamonia* Dej., 21: 114⁹¹)**Lilioceris** Rtt., 12: 79* *lili* (Scop.), 63: 36 Que.⁹² Eur.**Neohaemonia** Szek. 41: 148* *nigricornis* (Kby.), 37: 222⁹³ N.Y.*americana* (Guer.), 41: 259⁹³*melsheimeri* (Lac.), 45: 211⁹³ Pa. Ill.*nigricornis* (Clay.), 13: 15⁹³**Syneta***pilosa* Brown 40: 164 N.B.-Alb.*extorris* Brown 40: 165 N.C. Tenn.**Zengophora***varians* Cr. Ore.⁹⁴**Lema***californica* Heinze 27: 142*amula* Horn 94: 406 (not Lac., 1815)**Megascelis** Sturm 26-80 (not 29: 138)⁹⁴**Coscinoptera***corpulosa* Dahl 41: 29 Ariz. Mex.**Arthrochlamys**⁹⁵*eribripennis* (Lee.) 78-614 Que. Ont. Mich.*comptoniae* Brown 43-125 N.B. Mass.*eubati* Brown 43-126 Que.-Man. N.J.*plicata* (Fab.) 98: 111*gibbosa* of authors, in part⁹⁵*alni* Brown 43-128 N.B.-Ont.*hebbanæ* Brown 43-128 Que. Ont.*chamaelaphnes* Brown 43-130 Ont.*coryb* Brown 46-48 Ont.*tecta* Brown 46-48 Ont.**Saxinis***saucia* Lee. 57: 66*v. quadrinotulata* Dahl 41-30 Cal.*v. californica* Schffr. Ore.⁹⁴**Exema**⁹⁵*pennsylvanica* Pierce 40: 18 Pa. Ont.-Kan.*conspecta* of authors, in part⁹⁵*canadensis* Pierce 40-10 N.B.-Ont. N.C.*conspecta* of authors, in part⁹⁵*gibber* of authors⁹⁵*globensis* Pierce 40-21 Ariz.*chiricahuana* Pierce 40: 22 Ariz.*parvisaxi* Pierce 40: 24 Cal.*dispar* Lac. 48: 850 Ariz. Mex.*sacnadensis* Pierce 40-10 Can.*jenksii* Pierce 40: 13 Cal.*myocensis* Pierce 40: 19 Cal.*deserti* Pierce 40: 20 Cal.*s. boregensis* Pierce 40-21 Cal.**Pachybrachys***donneri* Cr. 74: 78 Ore.⁹⁴**Diachus***aeruginosus* Lee. 80: 197 Ore.⁹⁴**Nodonota**⁹⁶*parkeri* White 41: 162 Ariz.**Rhabdopterus**⁹⁷*bowditchi* Barber 43-117 Fla.*pratextus* (Say) 24: 442*picipes* of authors (not Oliv., 1808)⁹⁷*speculatus* Barber 43-118 Me. Mass.*deceptor* Barber 43-118*pratexta* Jones 41-321⁹⁷*weisei* (Schffr.) 20-117⁹⁸*subenota* (Schffr.) 19-328⁹⁷*bottimeri* Barber 46-140 Tex.**Adoxus***obscurus* L. Ore.⁹⁴**Colaspidea***varicolor* Cr. (not Lee.)⁹⁴ Ore.⁹⁴**Entomoscelis***americana* Brown 42-172 Man.-B.C.*adonidis* of authors⁹⁹**Prasocuris***vitata* Oliv.*vitata* Johnson 41: 12**Leptinotarsa***lineolata* Stål Ore.⁴**Zygogramma***suturalis* Fab. 75: 95*suturalis* Johnson 41-12²**Calligrapha***fulvipes* Stål 59-323 Tex. Mex.⁹²*knabi* Brown 40-166 Que.*ludenticola* Brown 45-122 N.B. Ont.*similis* Rogers 56: 34³

(not Muller, 1776)

californica Linell 96-198 Cal.*s. coreopsivora* Brown 45-122 Conn.*elegans* Oliv. 08: 532³ [N.S. B.C.]

(not Gmelin, 1789)

virgata G. & H. 74-3437³

(not Stål, 1859)

alni Schffr. 28: 290 N.S.-Alb.*confinis* Kby. 37-214³

(not Klug, 1820)

alnicola Brown 45-124 Que. Ont.*dolosa* Brown 45-126 Ont.*ostreae* Brown 45-126 Ont.*ignota* Brown 45-127 N.S. N.B. Ont.*pruni* Brown 45-127 Ont.*virginica* Brown 45-130 Que. Ont.*tiliae* Brown 45-130 Ont.*amator* Brown 45-132 Ont.**Chrysolina***engelhardti* Hatch 39-49 Alas.**Microtheca** Stål 61: 464*ochroleuca* Stål 61-464 Ala.⁴ S.A.**Phadon***armoracæ* (L.) Ore.⁹⁴*oxyformis* Lee. Ore.⁹⁴*niger* Hatch Ore.⁹⁴*carri* Hatch Ore.⁹⁴*punctatus* Hatch Ore.⁹⁴⁹⁰ Key to subfamilies, based on larvæ; Salisbury 43.⁹¹ Barber & Bridwell 40.⁹² Brown 46.⁹³ Transferred from *Haemonia* by Szekessy 41.⁹⁴ K. Fender 45.⁹⁵ Brown 43; key to Canadian species.⁹⁶ Key to species, White 41.⁹⁷ Barber 43; key to species.⁹⁸ Transferred from *Colaspis* by Barber 43.⁹⁹ Brown 42.¹ Matkin 43.² White 42.³ Brown 45.⁴ Barber in litt.; (Tunarchini).

- Gastrophysa** Chev. 37-405
 (*Gastroides* Hope 40-164)⁹¹
 (*Gastroides* G. & H. 74-3403)^{91 5}
cyanea Melsh. Ore.¹
- Phytodecta**⁶
arctica Mannh. 53-257
affinis of authors⁶
scutellaris Sahlb. 85-55⁶
americana Schffr. 24-139
pallida of authors⁶
rufipes of Kby. 37-213⁶
vinialis of Mannh. 53-256⁶
notmani Schffr. 24-140
affinis of Notm. 21-75⁶
occidentalis Brown 42-104 Alb. B.C.
- Galernella**
ribicola Brown 38-37 Man.
s.confusa Brown 46-50 Ont.
xanthomelana (Schr.) 81-78 Ont.⁷ Ore.¹
xanthomela Malkin 43-74
- Monoxia**⁸
conspua (Lee.) 57-70 Wyo.-Tex. Cal.-
 [Wash.]
guttulata (Lee.) 57-70⁹ Cal. Ore.¹
conspua Horn 93-85, in part⁸
sordida (Lee.) 58-88 Colo.-Tex.-L.Cal.
angularis (Lee.) 59-90⁹ N.D.-Cal.-B.C.
conspua Horn 93-85, in part⁸
debilis Lee. 65-222 Alb.-Ariz.-Ida.
obtusula Lee. 65-222⁸
inornata Blake 39-162 N.D.-Tex.-Mont.
grisea Blake 39-163 Alb.-Ida.
elegans Blake 39-164 Mont.-N.M.-Ore.
puberula Blake 39-165 Alb.-Tex.-Cal.
schizonychia Blake 39-166 Colo.-Cal.-
 [Wash.]
obesula Blake 39-167 Tex.
pallida Blake 39-168 Colo. Ida.
minuta Blake 39-169 Ariz.
apicalis Blake 39-170 Ariz. Cal.
brisleyi Blake 39-171 Utah Ariz. Cal.
- Diabrotica** Dej. 37-404
undecimpunctata Mannh. 43-310
s.undecimpunctata s.str. Pac. Cst.
s.howardi Barber 47-153 e.St. s.St.
s.tenella Lee. 58-88 (not 58-58) Ariz.
- Acalymma** Barber 47-154
** gouldi* Barber 47-154 Que. Ind.
vittata (Fab.) 75-122¹⁰ S.C.
melanocephala (Fab.) 75-118¹⁰
trivittata (Mannh.) 43-309¹⁰ Tex.-Cal.
vittata of Jacoby 87-535¹⁰ [C.A.
incerta (Ckll.) 96-67¹⁰
blandula (Lee.) 68-58¹⁰ Kan. Colo. Tex.-
nitida (Linell) 98-483¹⁰ [Ariz.
vineta (Lee.) 78-416¹⁰ S.C.-Fla.-Tex.
- Amphelasma** Barber 47-158
** bipuncticollis* (Schffr.) 05-171 Ariz.
- Luperus**
morulus Lee. Ore.⁹¹
- pallipes* B. & H. Ore.⁹⁴
- Scelolypnus** Cr. 74-79¹¹
blakei White 44-178 Tex.
- Luperodes**¹²
bivittatus (Lee.) 59-81 Cal.
diegensis Blake 42-60 Cal.
monorhabdus Blake 42-61 Cal.
tuberculatus Blake 42-62 Cal.
melanolomatus Blake 42-63 Cal.
nehrodes Blake 42-64 Tex.
varicornis (Lee.) 68-57 Tex.-Ariz.
crucigera Schffr. 06-249¹²
marginalis Fall 10-149¹²
brunneus (Cr.) 73-44 N.C.-Ga.-Tex.-
 [Kan.]
varicornis Horn 93-111 (part)¹²
davisi Leng 11-193¹²
rugipennis Blake 42-68 L.Cal.
pallidulus Blake 42-68 Tex.
elachistus Blake 42-69 N.M.
popenoei Blake 42-70 Kan.
chiricahuensis Blake 42-71 Ariz.
convexus Blake 42-71 Ill.-Iowa-Okla.
ocularis Blake 42-72 Ariz.
punctatissimus Blake 42-73 Ariz.
vandykei Blake 42-73 Cal.
adenostomata White 42-31 Cal.
- SERRATICOLLINI**²
- Serraticollis** White 42-17
** rhois* White 42-18 Cal.
parkeri White 42-20 Ariz.
 * * *
- Galerna**¹³
** externa* Say 24-458 Can.-Kan.
pomona Knab 05-230¹³
 (not Scopoli, 1763)
browni Blake 45-60 Man.-Alb.-Iowa
popenoei Blake 45-61 Tex. N.M.
costatissima Blake 45-62 Colo.-Utah-Ariz.
rudis Lee. 57-69 Mont.-N.M.-Cal.-B.C.
- Ceratomya** Chev. 37-403 (not 43-342)¹⁴
trifureata (Forst.) 71-29
cammina (Fab.) 01-459¹⁴
- Andrector**
 (*Ceratomya* of authors, in part)¹⁴
ruficornis (Oliv.) 91-200 Fla. Tex. W.I.
denticornis (Fab.) 92-24¹⁴
sempunctatus Horn 72-152¹⁴
atrofasciatus (Jacoby) 79-792 Ariz. C.A.
ruficornis of authors, not Oliv.¹⁴
- Distignoptera** Blake 43-209¹⁵
pilosa (Ill.) 07-105¹⁶ Que.-Fla.-Tex.
mesochorea Blake 43-212 Mich.-Kan.
apicalis Blake 43-214 Mass.-Ga.-Tex.
texana Blake 43-215 Tex.
schwarzi Blake 43-215 D.C.
impennata Blake 43-216 Me.
borealis Blake 43-217 N.B.-Okla.-Sask.
falli Blake 43-218 Ariz.

⁵ Should be credited to Agassiz 46-160.⁶ Brown—42; key to species.⁷ Sheppard—46.⁸ Blake—39; key to species.⁹ Distinct species, Blake—39.¹⁰ Barber—47.¹¹ Key to genus, White—44.¹² Blake—42; key to species.¹³ Blake—45; key to species.¹⁴ Barber—45.¹⁵ Blake—43; key to species.¹⁶ Transferred from *Hypolampsis* by Blake—43.

- Disonycha**
maritima Mann Ore.¹⁷
- Orestioides**
robusta Lee, Ore.¹⁷
- Altica**
potentillae Brown 46-51 Que., Ont.
ribis Brown 16-53 Ont.
- Hippuriphila**
maneuca Lee, 61-358
modeeri of authors, in part¹⁸
canadensis Brown 42-176 Que., Sask.
modeeri of authors, in part¹⁸
equiseti B. & H. Ore.¹⁷
- Epitrix**
tuberis Gentner 44-137 Neb., Colo.
[Ore., Wash.,
similaris Gentner 44-142 Cal.
parvula Fab. Ore.¹⁷
- Chaetocnema**
opulenta Horn Ore.¹⁷
confinis Cr. Ore.¹⁷
- Longitarsus**
waterhousei Kutch. Ore.¹⁹
- Glyptina**
atrinervis Horn Ore.¹⁷
- Phyllotreta**
columbianus Chitt. Ore.¹⁷
inconspicua Chitt. Ore.¹⁷
- Anisostena**
perspicua Horn Ore.¹⁷
- Brachycoryna**
horni Weise Ore.¹⁷
mitchelli White 39-55 Cal.
- Psylliodes**
cucullata Ill. 07-172 N.B.²⁰ Eur.
- Eroplata**
uniformis (Smith) 85-94²¹ Ariz.
- Microthopala** Chev. 37-365²²
- Parorectis** Spath 01-346
(*Orectis* Spath 01-346)²³
(not Lederer, 1857)
sublaevis (Barber) 46-102 Tex.
callosa (Boh.) 54-171 S.C., Fla., Tex.
- Deloyala** Chev. 37-371
(*Chirida* Chap. 75-406)²⁴
- Hemispheerota** Chev. 37-367
(*Porphyraspis* Hope 10-154)²⁵

MYLABRID E²⁵⁻²⁶Pachymerinae²⁵

- Caryobruchus**²⁵
gleditsiae (L.)

Amblycerinae²⁵

- Amblycerus**²⁵

- Zabrotes**²⁵

Mylabrinae²⁵⁻²⁶

- Mylabris** Geoff.²⁷⁻²⁸
(*Bruchus* L.)²⁶
 knulli White 41-189 Ariz.
- Megacerus** Fahræus 39-2-25-27
(*Pachybruchus* Pic 12-92)²⁷
coryphae (Oliv.)
discoideus (Say)
impiger (Horn)
schaefferianus Bridw.
 crenatus Schffr.²⁷
arenarius Wole.²⁷
- Callosobruchus** Pic 02-6-25
chinensis (L.)
maculatus (F.) 75-65
 quadrinaculatus (Fab.) 92-371
 barbicornis (Fab.) 01-403
 bistriatus (Fab.) 01-402
 chinensis (Thunb.) 16-46 (not L.)
 longicornis (Thunb.) 16-47
 littoratus Schönh. 33-102
- Stylantheus** Bridw. 46-54
macrocerus (Horn)
- Gibbobruchus**²⁵⁻²⁷
minus (Say)
- Meibomius** Bridw. 46-54
musculus (Say)
- Merobruchus** Bridw. 46-54
julianus (Horn)
major (Fall)²⁷
- Acanthoscelides** Schilsky 05-2-25
pectoralis (Horn)
floride (Horn)
innotatus (Pic)
obsoletus (Say)
longistylus (Horn)
albosenellatus (Horn)

¹⁷ Fender 45.¹⁸ Brown 42.¹⁹ Malkin 43.²⁰ Brown 46.²¹ Transferred from *Microthopalus* by McCauley 39.²² Erroneously credited to Dejean by McCauley 38. (See Barber & Bridwell 40.)²³ Barber 47.²⁴ Barber & Bridwell 40.²⁵ Bridwell 46; generic revision.²⁶ Bridwell 46, uses Bruchidae, Bruchinae, and Bruchus.²⁷ Bradley 47.²⁸ Bradley (47-33) lists two species of *Mylabris* that have "escaped record in the supplements to Leng's Catalogue," He admits, however, that "both of the species are accidental importations of adults that would be unable to establish their progeny in dried lentils, and therefore are under no likelihood of becoming established." This argument explains fully why these species (*M. signaticornis* Gyll. and *M. lentis* Froel.) should not be in the catalog. However, *M. lentis* was listed on page 306 of the Catalogue as no. 16244¹², a fact which apparently escaped Mr. Bradley.

tenuis Bott.³⁰
 obtectus (Say)
 perforatus (Horn)
 calvus (Horn)
 fraterculus (Horn)

Mimosestes Bridw. 46-54
 salkai Shp.

Algarobius Bridw. 46-54
 prosopis Lec.
 uniformis Lec.
 desertorum Lec.

Neltumius Bridw. 46-54
 arizonensis (Schffr.)
 gibbothorax (Schffr.)²⁷
 texanus (Schffr.)²⁷

Stator Bridw. 46-55
 pruininus (Horn)³¹

Cercidiestes Bridw. 46-55
 ulkei (Horn)

Althaus Bridw. 46-55
 hibisci (Oliv.)

Sennius Bridw. 46-55
 bivulneratus (Horn)²⁷
 cruentatus (Horn)
 nigrinus (Horn)²⁷

Sparteus Bridw. 46-55²⁹
 fasciatus (Oliv.) 95-20 Mass.²⁷
 cisti Payk.²⁷
 villosus (Fab.)²⁵

Abutiloneus Bridw. 46-55
 idoneus Bridw. 46-55
 flavicornis Shp. (not Fab.)
 seminulum (Horn)
 atomus (Fall)

Kytorhininae²⁵

Kytorhinus Fisch.²⁵
 prolixus (Fall)

BRENTIDÆ

Arrhenodes Schönh. 26-70
 (*Eupsalis* of No. American authors)³²

Paratrachelizus Kleine 21-32
 (*Trachelizus* of No. American
 {authors})³²

²⁹ Cited as a subgenus of *Bruchidius* by Bradley—47, and also as a synonym of *Spermophagus*.

³⁰ Bradley's remarks on the listing of this species in the Fourth Supplement fail to give consideration to the status assigned to the generic names in the original Catalogue.

³¹ The proposed transfer of this species to *Bruchidius* by Herford in foreign literature was overlooked in the Fourth Supplement, but its acceptance would have been prevented by the status assigned to *Bruchidius*. The oversight was not the cause of the omission, as implied by Bradley—47.

ANTHRIBIDÆ^{33 34}

(*Platystomidae*)³³

Ormiseus Waterh. 45-37
 (*Toxotropis* Lec. 76-397)³²
 (*Gonops* Lec. 76-398)³⁵

Piesocorynus Dej. 37-257
 (*Piezocorynus* Schönh. 39-250)³²

Neanthribus Jordan 06-341
 (*Pseudanthribus* Pierce 30-24)³²
 (*Anthribus* of authors, not Geoff.)³²
 (*Neanthribius* Leng & Mutch. 14-481)³⁵

Euxenus
 ater Blatch. 28-238³⁶ Fla.

CURCULIONIDÆ

Attelabus
 foveipennis Suffr. 70-228³⁷ Ill.

Pseudoeoneorhinus
 bifasciatus Røelofs 79-xxiv
 setosus of Amer. authors³²

Cyrtapistomus Marshall 13-186
 (*Mylocerus* of authors, not
 [Schönh.])³²
 (*Corigetis* of authors, not Desbr.)³²
 castaneus Røelofs 73-168 N.Y. N.C.
 Japan³²

Phyxelis Schönh. 43-122³⁸

OPHRYSTINI³⁹

Sapotes Csy. 88-241³⁹
 * *pumeticollis* Csy. 88-241 Tex.-Ariz.
 longipilis VanD. 34-175 Ariz.

Eupagoderes Horn 76-32³⁹

I
 * *desertus* Horn 76-34 Ariz. Cal.
 giganteus Chitt. 26-169³⁹
californicus Ting 39-81 Ariz. Cal.
geminatus Horn 76-35 Nev. Cal.
griseus A.C.Davis 47-498 Cal.
aeuus A.C.Davis 47-498 Utah
mortivallis Fall 10-192 Cal.
 v. approximatus A.C.Davis 47-502 Cal.

II
robustus A.C.Davis 47-503 Ariz. Cal.

III
decipiens Lec. 53-445 Tex.-Ariz. Mex.
 v. dunnianus Csy. 88-240³⁹ Tex.

³² Buchanan in litt.

³³ This arrangement preferred by most recent writers.

³⁴ Key to subfamilies and some genera on larval characters, Anderson—47.

³⁵ Blackwelder—47.

³⁶ Transferred from *Collabismodes* by Buchanan in litt.

³⁷ Voss, in Junk Catalog (pars 110), places this in *Apoderus*, a genus which does not occur in the New World; Buchanan in litt.

³⁸ Transferred from *Eremninae* to *Leptopinae* by Marshall—44.

³⁹ A. C. Davis—47; revision.

- pilosus* A.C.Davis 47-507 Colo.
varius Lec. 53-444 Utah Nev. Ariz. Cal.
v. plumbeus Horn 76-35³⁹ Cal.
aridus Fall 10-192 Ariz. Cal.
 IV
speciosus (Lec.) 53-411 Tex. Mex.
nivosus Fall 10-190 Ariz.
marmoratus Fall 10-191 Ariz.
sordidus Lec. 53-415 Kan.-Tex.-Ariz.
simulans VanD. 34-176 Tex.
argentatus Lec. 53-444 Utah Nev. Ariz.
 [Cal.
 V
lucanus Horn 76-34 L. Cal.

setosus VanD. 34-179 Ariz.
huachucae VanD. 34-180 Ariz.
halli VanD. 34-181 Ariz.
cretaceus Shp. 91-96⁴⁰ Ariz. Mex.
utahensis Tann. 39-31⁴⁰ Utah
hardyi Tann. 39-31⁴⁰ Utah
Amydrogmus Pierce 13-374³⁹
 * *variabilis* Pierce 13-374 Tex.
Ophryastes Schönh. 33-508³⁹
 * *wickhami* Shp. 01-88 N.M.-Cal.
shufeldti Csy. 88-238 N.M.
ocellatus (VanD.) 34-177 Colo. N.M.
 [Utah
latirostris Lec. 53-443 Colo.-Ore.-Mex.
validus Lec. 54-225⁴⁰
symmetricus Fall 07-260 N.M. Ariz.
sulcipennis Csy. 88-239 N.M.
sulcirostris (Say) 24-316 Mont.-Tex.-
ligatus Lec. 53-443³⁹ [N.M.
porosus Lec. 54-225 Alb.-Mex.
collaris Champ. 11-319 Tex. Mex.
tuberosus Lec. 53-443 Alb.-Tex.-Ariz.
ovipennis Shp. 91-90 Tex. Mex.
bituberosus of Pierce 09-344³⁹
vittatus (Say) 24-316 Kan.-Tex.-Nev.
Tosastes Shp. 91-91³⁹
 * *globularis* Pierce 09-344 N.M.
ovalis Pierce 09-345 Tex. Ariz.
cinerascens Pierce 13-376 Wash.
Rhigopsis Lec. 74-459³⁹
 * *effracta* Lec. 74-459 Cal.
simplex Horn 94-442 L. Cal.
 * * *
Cimbocera Horn 76-55⁴¹
 * *buchanani* Ting 10-134 Colo.-Tex.-Ariz.-
 [Utah
pauper Horn 76-56 Alb. Wyo.
conspersa Fall 07-261 Colo.-Ariz.
sericea Pierce 13-379⁴¹
albocostata VanD. 34-190⁴¹
 * * *
petersoni Tann. 11-29 Utah
Paracimbocera VanD. 38-1⁴¹
 * *atra* VanD. 38-2 Nev.
artemisiae Ting 10-139 Wyo. Colo. Nev.
 [Ida.
- robusta* (VanD.) 35-2⁴² Cal.
Miloderoides VanD. 36-74⁴¹
 * *maculatus* VanD. 36-76 Ida.
cinerea (VanD.) 35-1⁴² Colo.
argenteus VanD. 35-4⁴¹
vandykei Tann. 12-23 Utah
Cryptolepidus VanD. 36-191⁴¹
 * (*Lepidopus* VanD. 36-76)⁴¹
nevadensis VanD. 36-77 Nev.
planifrons Ting 10-146 Nev.
leechi Ting 10-147 Cal.
caverni (VanD.) 36-73⁴² Ariz. Cal.
rugicollis Ting 10-149 Nev.
Calomyeterns
setarius Rockofs 73-175 Mass.-D.C.-Iowa⁴²
Minyomerns
microps (Say) 31-9³² Mo.
Pandeleteius
viridisimilis VanD. 13-108 Ariz.
Eriocydes Pace 80-442
 (*Cyphus* Germ. 24-127)³²
Lachnopus
floridanus Horn 76-101⁴³ Fla.
Apotomoderes Dej. 34-235
 (*Apotomoderus* Chev. 78-liv)⁴⁷
albicans Lac. 63-pl. 62 Cal.⁴⁷
Graphognathus Buch. 39-11⁴¹
 * *peregrinus* (Buch.) 39-14 Ala. Miss.
minor (Buch.) 12-107 Fla.
leucoloma (Boh.) 40-62 (not No. Amer.)⁴⁹
r.¹⁵ pilosus (Buch.) 42-107 Ala.
r. striatus (Buch.) 42-108 S.C.-La.
r. dubius (Buch.) 42-109 N.C.-Fla.-
 [Miss.
r. fecundus Buch. 17-21 Fla. Ala.
r. rufator Buch. 47-21 N.C.
Naupaetus (not No. Amer., see Grapho-
 gnathus)⁴⁰
Barypithes J. du V. 55-13
 (*Barypithes* VanD. 47-96, and 36-
 [82])
pellucidus (Boh.) 34-507 Cal.⁴⁶
pallidula VanD. 47-96
Myllocerus
hilleri Faust 89-222 Conn. Pa. D.C.
 Japan⁴⁷
Cercopens
artemisiae Pierce 10-365⁴⁸ Ida. Mont.
parvulus (VanD.) 36-78^{48a}
Chaetochus
asperatus (Boh.) 41-116 Mass.
setiger Horn 76-78⁴⁷
Aphrastus Say 31-9
 (*Microonychus* Prov. 77-508)⁴⁹
teniatus Say 31-9
sulcatus (Prov.)⁴⁹

³² Buchanan in litt.³⁹ A. C. Davis -47; revision⁴⁰ Buchanan -47.⁴¹ Ting -40; revision⁴² Transferred from Cimbocera by Ting -40.⁴³ Distinct species, Buchanan in litt.⁴⁴ Distinct genus, Buchanan--47.⁴⁵ Race.⁴⁶ Van Dyke -47.⁴⁷ Buchanan in litt.⁴⁸ Does not belong here; Ting -40.^{48a} Ting in litt.⁴⁹ Brown in litt.

- Phyllobius**
 oblongus (L.) N.B.⁵⁰ N.Y.⁵¹ Europe
- Liophilus** Germ. 17-341
 tessulatus Müller 76-87 N.Y.⁵²
nubilus Fab. 76-228⁵³
- Hypera**
 punctata (Fab.) Cal.⁵⁴
- Listronotus**⁵⁵
 ingens Henderson 40-243 Ind.-Tex.
 squamiger (Say) 31-11 Mass.-N.C.-Cal.-
inequalipennis (Boh.) 40-189 [B.C.
 sordidus (Gyll.) 34-280 Que.-La.-Colo.
distinguendus (Gyll.) 34-281⁵⁵
obliquus Lec. 76-129⁵⁵
 manifestus Henderson 40-269 Tex.
 rotundicollis Lec. 76-132 Pa.-Tex.
cribricollis Lec. 76-134⁵⁵
 distinctus Henderson 40-274 Tex.
 blatchleyi Henderson 40-279 Fla.
callosus Blatch. 28-241, not Lec.⁵⁵
 blandus Henderson 40-282 Ga.-Fla.-La.
 oregonensis Lec. 60-55 Que.-Miss.-Ore.
rudipennis Blatch. 16-162⁵⁵
impressifrons Lec. 76-134⁵⁵
latiusculus Lec. 76-133 (not Boh.)⁵⁵
 s.tessellatus Csy. 95-828⁵⁵ Alb.-Colo.
 nebulosus Lec. 76-133
sulcistris Lec. 76-132⁵⁵
 similis Henderson 40-304 Tex.
 appendiculatus (Boh.) 42-192 Me.-Tex.-
floridensis Blatch. 16-160⁵⁵ [B.C.
impressus VanD. 29-106⁵⁵
leucozonatus Chitt. 26-341⁵⁵
 insignis Henderson 40-313 Fla.
- Dorytomus**
 rubidus Tanner 39-32 Utah
- Grypus** Germ. 17-340
 (*Grypidius* Schönh. 26-231)⁴⁷
*SMICRONYCHINI*⁵⁷
- Smicronyx**
 utilis Buch. 41-29 Sask.
 communatus Dietz 94-160
cascyi Blatch. 16-10⁵⁶
 vestitus Lec. 76-172
connivens Csy. 92-389⁵⁶
spurcus Csy. 92-393⁵⁶
 SYNERTHA Dietz 94-172⁵⁸
 cuscutiloræ Pierce 39-48 Cal.
 PACHYPHANES Dietz 94-115⁵⁸
 celenus Pierce 39-50 Cal.
 elsegundinis Pierce 39-52 Cal.
- * * *
- Anchodemus**
 luteulentus (Boh.) 43-165 Pa.⁵⁹
- * * *
- Hydronomus**⁶⁰
- Bagous**⁶¹
 lengi Tanner 43-13 Ind. Iowa
 blatchleyi Tanner 43-14 Fla.
 mamillatus Say 31-28
mammillatus Leng 20-320
 longirostris Tanner 43-18 N.Y. Mich.
 texanus Tanner 43-20 Fla. Tex.
 chandleri Tanner 43-26 Mont. Utah
 tingi Tanner 43-27 Cal.
 floridanus Tanner 43-30 Fla.
- * * *
- Psigodes**⁶¹
 buchanani Tanner 43-33 La.
 tuberosus Tanner 43-35 Iowa
- Schizomieris** Csy. 05-164⁶²
- Neotylopterus** Hust. 39-60
 (*Tylopterus* Lec. 76-215)⁵⁹
- Tychius**
 griseus Schffr. 08-217⁶³ Me.-N.Y.
 picirostris Fab. 87-101 Wash. B.C.^{63a}
- Anthonomus**
 nubiloides Fall 28-239 Me. Mass.⁵⁹
rutilus (Boh.) 43-165⁵⁹
- Odontopus** Say 31-15
 (*Prionomerus* Schönh. 36-359)⁶⁴
- Nanophyes**
 canadensis Brown 44-10 Man. Alta.
- Corimalia** Gozis
 pallidulus (Grav.) 85-129⁶⁵ U.S. Europe
- Sternechus**⁶⁶
- Cosmobaris**
 americana Csy. 20-344
scolopacea of authors, not Germ.⁵⁹
squamiger Hayes 36-27⁵⁹
stonilli Hayes 36-28⁵⁹
- Glyptoharis**
 lecontei Champ. 09-404
rugicollis (Lec.) 76-297⁵⁹
- Acenrinops**
 brevicollis Csy. 20-457
centrinoides (Green) 20-200⁶⁷
- Lechriops** Schönh. 26-306
 (*Gelus* Csy. 97-667)⁵⁹
- Peltophorus** Schönh. 45-451
 * (*Zygops* of Amer. authors)⁵⁹
 polymitis Boh. 45-482
 v. seminiveus Lec. 84-31⁵⁹
 v. suffusus Csy. 92-495⁵⁹
 adustus Fall 06-61

⁵⁰ Gorham—43.⁵¹ Felt—28; Carruth—36.⁵² Felt—18; Felt—20.⁵³ Junk Catalog.⁵⁴ Smith & Michelbacher—45.⁵⁵ Henderson—40; key to species.⁵⁶ Buchanan—40.⁵⁷ Pierce—39; key to genera.⁵⁸ Pierce—39; key to species.⁵⁹ Buchanan in litt.⁶⁰ Tanner—43; key to genera.⁶¹ Tanner—43; key to species.⁶² Belongs in Raymondionyminae, Tanner—43.⁶³ Distinct species, Venable—43.^{63a} Venable—43.⁶⁴ Buchanan in litt.⁶⁵ Transferred from Nanophyes by Brown—44.⁶⁶ Placed in Hylobiinae in Junk Catalog.⁶⁷ Green in litt.

Cylindrocopturus

turneri Buch. 40-178 Cal.-Wash.
decolor. Buch. 40-179 Wyo. Mont. Ida.
catoni Buch. 40-181 Cal.

Acoptus

(*Homogaster* Prov.) 77-530⁶⁸
saturale Lec. 76-264
quebecensis (Prov.) 77-530⁶⁸

Acanthoscelidius

(*Acantharthus* Marshall) 39-583-59

Centorhynchus

hearni Brown 40-186 Man.
munkii Brown 40-187 Man.
assimilis Payk. 00-257 Cal. Wash. Eur.⁶⁹

Rhinoncus

castor (Fab.) 92-408 N.S.-Ont.-Va.⁷⁰

Conotrachelus Dej. 35-296

(*Cyphorrhynchus* Schönlh.) 37-458⁷¹
(*Glycara* Pascoe 80-181)⁷¹
(*Edesius* Pascoe 81-305)⁷¹
(*Laccptes* Csy. 10-130)⁷¹

buchanani Schoof 42-51 N.J.-D.C.-Iowa-
[Tex.
iowensis Schoof 42-57 Ill. Iowa
hicornæ Schoof 42-69 N.J.-Fla.-Tex.-Kan.
hayesi Schoof 42-85 Ill. Iowa La.
tibialis Schoof 42-91 Mass.-Miss.-La.-
naso Lec. 76-231 [Kan.
cinereus VanD. 30-158⁷¹
recessus Csy. 10-130
atokanus Fall 43-65⁷¹
cribricollis (Say) 31-28
puncticollis Walsh. 64-310⁷¹
anaglypticus (Say) 31-18 Ont.-Fla.-Tex.
rubiginosus Boh. 45-28
leucophaeatus Fahr. 37-117
demon Boh. 37-31⁷¹
carolinensis Schoof 42-137 Mass.-Fla.-
[Ariz.
[La. Tex.
pecanæ Buch. 47-50

Faustinus Berg 98-18

(*Euxenus* Faust 96-47, not Lec.)³²
(*Collabismodes* Champ. 05-541)³²
(*Euxenodes* Bovie 07-67)³²

Acamptus

echinus Csy. 92-445 (not 95-837)⁵⁹ N.Y.
(not Ariz.)⁵⁹

Dryotribus Horn 73-433

(*Thalattodora* Perk. 00-116)⁷²
mimeticus Horn 73-433 Fla. W.I. Pac.Is.⁷²
insignis Perk. 00-146⁷²

Maerancylus Lec. 76-338

(*Haloxenus* Perk. 00-148)⁷²
linearis Lec. 76-339 Fla. W.I. Hawaii⁷²
immigrans Perk. 00-148⁷²

Pselactus Broun 86-972

* spadix (Hbst.) 95-256^{72a} N.Y. N.J. Eur.

Phloeophagus

minor Horn 73-443
carinatus Blatch. 16-545⁷³
apionides Horn 73-443
apionoides Csiki 36-143

Cossoninae**Rhyncolus**⁷⁴

Xylocomesus Thatch. 40-89⁷⁴
cercocarpus Thatch. 40-90⁷⁴ Nev.
knowltoni Thatch. 40-90⁷⁴ Utah
brunneus Mannh. 43-295 N.Y. N.M.-
relictus Csy. 92-705⁷³ [Ariz.
californicus Woll. 73-645⁷³
macrops Buch. 46-130 N.S. N.Y.-Ore.-
[B.C.
cylindricollis Woll. 73-645 Utah-Cal. B.C.
discolor Csy. 92-707 Fla.-La. Mich.
oregonensis Horn 73-445 N.C. Mich.-
[Ariz.-Ore.
nimius Csy. 92-706 N.M.
protensus Woll. 73-647 Cal.

* * *

Calendra Chaiv. 98-62

(*Calandra* Chaiv. 98-pl. 2)⁵⁹
(*Sphenophorus* Schönlh.) 26-327⁵⁹
eugenia Satt. 43-52 Ore.

Sitophilus Schönlh. 38-967

(*Calandra* of foreign authors)⁵⁹
(*Calendra* of American authors)⁵⁹

PLATYPODIDÆ**Platypus**

wilsoni Swaine 46-97 (not 15-48)⁷⁶

SCOLYTIDÆ**Xylocomesus** Thatcher 40-89⁷⁷**Pagiocerus**

frontalis Fab. 01-389 N.C. Fla. Cuba
rimosus Eich. 68-148⁷⁸

Renocis Csy. 86-257⁷⁹

* (*Pseudocryphalus* Swaine 17-20)⁷⁹
parkinsonæ Blackm. 40-378 Ariz.
machayi (Bruck.) 36-35 Cal.
pruinosis Blackm. 40-383 Ariz. Cal.
fasciatus Blackm. 40-385 Ariz.
heterodoxus Csy. 86-257 Utah Nev. Ore.
brunneus Blackm. 40-389 N.M.
fuscus Blackm. 40-391 Ariz.
commixtus Blackm. 40-392 Colo. Ariz.
brittium (Swaine) 17-20 B.C.

⁷³ Buchanan = 46.

⁷⁴ Buchanan = 42; transferred from Scolytidae.

⁷⁵ Buchanan = 46; key to species of group I.

⁷⁶ W. J. Chamberlin in litt.

⁷⁷ Transferred to Curculionidae -Cossoninae,
Buchanan = 42.

⁷⁸ Eggers = 28.

⁷⁹ Blackman = 40; revision and key.

³² Buchanan in litt.

⁵⁹ Buchanan in litt.

⁶⁸ Brown in litt.

⁶⁹ Hagen = 46.

⁷⁰ Brown in litt. & Buchanan in litt.

⁷¹ Schoof = 42.

^{72a} Csiki = 36 and Buchanan in litt.

⁷² Zimmerman = 40.

- criddlei* (Swaine) 17-21 Man.
pencilatus Bruck 33-239 Colo. Ut. Ariz. Cal.
- Phloeosinus** Chapuis 69-37⁸⁰
 * *pini* Swaine 15-362 Man.
picæ Swaine 34-205 Que.
alaskanus Blackm. 42-409 Alaska
hoppingi Swaine 15-364 Cal.
hoferi Blackm. 42-412 Wyo.-Tex.-Ariz.
keeni Blackm. 42-414 Wash.
antennatus Swaine 24-146 Cal.
spinosus Blackm. 42-417 N.M. Ariz.
swainei Bruck 33-56 Cal.
minutus || Swaine 17-9⁸⁰
granulatus Bruck 36-33 Cal.
frontalis Bruck 33-55 Cal.
setosus Bruck 33-65 Cal.
arizonæ Blackm. 42-424 Ariz.
vandykei Swaine 15-366 Cal.
russus Swaine 24-148⁸⁰
fulgens Swaine 24-147 Cal.
splendens Blackm. 42-428 Ore.
punctatus Lec. 76-381 Cal.-Wash.
rubicundulus Swaine 24-144 Cal.
buckhorni Blackm. 42-432 Ore.
kaniksu Blackm. 42-434 Ida. Wash.
rusti Blackm. 42-435 Wash.
variolatus Bruck 31-126 Cal.
nitidus Swaine 24-145 Ore.
eupressi Hopk. 03-35 Cal.
cristatus Lec. 68-169 Ariz. Cal.
chiricahua Blackm. 42-444 Ariz. Mex.
sequoiæ Hopk. 03-33 Cal. Ore.
squamosus Blackm. 42-448 Wash.
taxodi Blackm. 22-61 Miss.
dentatus (Say) 25-258 N.H.-Ga.-Tex.-
graniger (Eich.) 68-147⁸⁰ [Neb.
haagi (Eich.) 68-148⁸⁰
enixus Blackm. 21-56⁸⁰
juniperi Swaine 17-10 Cal.-Wash.
serratus (Lec.) 68-170 N.Y.
utahensis Swaine 15-363 Utah N.M. Ariz.
aciculatus Bruck 31-127 Tex.-Ariz.
neomexicanus Blackm. 42-460 Colo.-Ariz.
texasus Blackm. 42-462 Tex.
canadensis Swaine 17-8 Que. e.U.S.
scopulorum Swaine 24-148 Ore.-B.C.
rugosus Swaine 17-9 Cal.
furnissi Blackm. 42-469 Wyo.-N.M.-Ariz.
chamberlini Blackm. 42-470 Cal. Ore.
- Carphobius** Blackm. 43-398
arizonæ Blackm. 43-398 Ariz.
- Leperisinus**
hoferi Blackm. 43-394 N.M. Ariz.
oregonus Blackm. 43-396 Ore.
- Pseudohylesinus** Swaine 17-11⁸⁰
 * *nebulosus* (Lec.) 59-285 Colo.-N.M.-
 [Cal.-B.C.
serratus Bruck 36-37 Cal.
pullatus Blackm. 42-9 Wash.
dispar Blackm. 42-11 Cal.-Wash.-Mont.
maculosus Blackm. 42-12 N.M. Ariz. Utah
granulatus (Lec.) 68-175 Cal.-B.C.-
 Mont.
- tsugæ* Swaine 17-11 Cal.-B.C.
robustus Swaine 17-15 B.C.
keeni Blackm. 42-17 Ore.
similis Blackm. 42-18 Ore. Wash.
nobilis Swaine 17-12 Ore. Wash.
furnissi Blackm. 42-21 Ore. Wash.
grandis Swaine 17-13 Cal.-Alas. Mont.
sitchensis Swaine 17-12 Cal.-B.C.
sericeus (Mannh.) 43-296 Cal.-B.C.
- Hylastes** Er. 36-47
(Tomicus Latr. 02-203)⁸¹
(Hylurgus Latr. 07-274)⁸¹
pusillus Blackm. 41-23 Fla.
parvus Blackm. 41-24 N.M. Ariz.
minutus Blackm. 41-25 Mont. Nev. Cal.
subopacus Blackm. 41-9 Colo. N.M.
 [Utah
webbi Blackm. 41-10 S.D. Mont.
poreulus Er. 36-49
swaini Eggers 34-25⁸¹
canadensis Blackm. 41-15 Man.
fulgidus Blackm. 41-18 N.M. Ariz.
nigrinus Lec.⁸² Cal.
- Pseudothysanoes** Blackm. 20-46
(Pseudothysantes G.N.Wolcott 36-
 [318]
(Pseudothysantes G.N.Wolcott 36-
 [595]
huachucae Blackm. 43-355 Ariz.
- Micracinae**⁸³
- Hilocurus** Eich. 71-133
biconcavus Blackm. 43-344 Ky.
flaglerensis Blackm. 43-345 Fla.
crinitus Blackm. 43-347 Cal.
- Micracis**
knuthi Blackm. 43-348 Ariz.
- Micracisella**
subnitida Blackm. 43-350 Ariz.
- Thysanoes**⁸⁴
texasus Blackm. 43-352 Tex.
vachellæ Blackm. 43-354 Tex.
- * * *
- Stenoclyptus** Blackm. 43-356
rhois Blackm. 43-357 Cal.
ceanothi Blackm. 43-358 Cal.
- Cryptocleptes**⁸⁴
acaciæ Blackm. 43-362 Tex.
- Hypocryphalus** Hopk. 15-41
magniferæ (Stebb.) 14-542 Fla. Brazil
 [India⁸⁵
- Coccotrypes**
daetyliperda (Fab.) Cal. L.Cal. Old
 [World⁸⁶
- Tachyderes** Blackm. 43-35
floridensis Blackm. 43-36 Fla. Tex. Mex.

⁸⁰ Blackman—42; revision and key.⁸¹ Blackman—41.⁸² Linsley & Michener—43; (apparently *Hylastes nigrinus* Mannh.).⁸³ Blackman—43; key to genera.⁸⁴ Blackman—43; key to species.⁸⁵ W. H. Anderson in litt.⁸⁶ Linsley—43.

Ips

swaini R. Hopp. 39-169

B.C.

Xylechinus

montanus Blackm. 40-123

Mont.

Xylosandrus Rttg. 13-32zimmermanni (Hopk.) 15-68⁸⁷

Fla.

germanus (Bldd.)⁸⁸⁻⁸⁹

N.Y.-W.Va.-

[Ohio-Orient

Dryocetesgracilis (Lec.) 68-162 [add parentheses]⁷⁶⁷⁶ W. J. Chamberlin in litt.⁸⁷ Transferred from Anisandrus, W. H. Anderson in litt.⁸⁸ W. D. Buchanan 40⁸⁹ As Xyleborus, Felt 32.

ADDITIONAL NECROLOGY

- Beaulieu, Germain, b. 1870; d. June 1944.
 Blackman, Maulsby Willett, b. March 26, 1876; d. October 12, 1943.
 Blaisdell, Frank Ellsworth, Sr., b. March 13, 1862; d. July 6, 1946.
 Blatchley, Willis Stanley, b. October 6, 1859; d. May 28, 1940.
 Bock, George W., b. June 23, 1856; d. July 22, 1940.
 Borchmann, F., d. 1943.
 Brinley, Clement Samuel, b. December 18, 1863; d. July 23, 1946.
 Chamberlain, K. F., b. 1893; d. December 4, 1947.
 Cockerell, T. D. A., b. August 22, 1866; d. January 26, 1948.
 Davis, Alonzo Clayton, b. March 4, 1901; d. January 4, 1942.
 Davis, William T., b. October 12, 1862; d. January 22, 1945.
 Dietz, Henry J., d. December 8, 1945.
 Dury, Charles, b. November 14, 1847; d. July 20, 1931.
 Eggers, H., b. 1872; d. July 6, 1947.
 Englehardt, George P., b. November 23, 1871; d. May 24, 1942.
 Falkenström, Gustaf, b. November 13, 1867; d. August 15, 1942.
 Fall, Henry Clinton, b. December 25, 1862; d. November 14, 1939.
 Gahan, Charles Joseph, b. 1862; d. January 21, 1939.
 Garman, Harrison, b. December 27, 1856; d. August 7, 1944.
 Gebien, H., b. October 4, 1874; d. October 9, 1947.
 Germain, Frère, b. 1887; d. 1938.
 Hanham, Abdiel William, b. 1857; d. January 18, 1944.
 Heberdey, R. F., d. April 17, 1945.
 Henshaw, Samuel, b. January 29, 1852; d. February 5, 1941.
 Hoffman, William Albert, b. April 18, 1894; d. April 4, 1943.
 Hopping, Ralph, b. April 8, 1868; d. October 29, 1941.
 Horn, Walther, b. October 19, 1879; d. July 10, 1939.
 Junk, W., d. December 1942.
 Leng, Charles William, b. April 6, 1859; d. January 25, 1941.
 Liebeck, Charles, b. October 26, 1863; d. February 24, 1947.
 Löding, H. P., b. 1869; d. February 25, 1942.
 Lutz, Frank E., b. September 15, 1879; d. November 27, 1943.
 Mank, Edith W., b. September 20, 1892; d. July 17, 1945.
 Nunenmacher, F. W., b. March 28, 1870; d. April 29, 1946.
 d'Orchymont, Armand, d. February 9, 1947.
 Schaeffer, Charles, b. July 12, 1860; d. August 29, 1934.
 Schenkling, Sigmund, b. July 11, 1865; d. December 12, 1946.
 Schott, Fred M., b. May 31, 1887; d. January 6, 1946.
 Sherborn, Charles Davies, b. 1861; d. June 22, 1942.
 Sherman, Franklin, b. November 2, 1877; d. June 23, 1947.
 Slevin, Louis Stanislaus, b. November 7, 1879; d. November 9, 1945.
 Upton, R. G., d. November 25, 1947.
 Voris, Ralph, b. June 23, 1902; d. May 9, 1940.
 Watson, J. R., b. August 1, 1874; d. June 6, 1946.
 Webb, Jesse Lee, b. April 9, 1878; d. January 20, 1942.
 Winters, Frederick Edward, b. March 17, 1885; d. July 17, 1946.

BIBLIOGRAPHY

- Abbott, C. E.**
 11. Why does *Gymnocorda*? <Ent.News,52,287-290.
- Anderson, W. H.**
 39. Key to larval Bostrichidae <Jl.Wash.Ac.Sci.,29,382-391.
 41. Larva & pupa of . . . *Cylindrocurnissi* <Pr.Ent.Soc.Wash.,43,152-155.
 43. Larva of *Holostilpina nitens* <Pr.Ent.Soc.Wash.,45,171-175.
 47. Terminal . . . of weevil larvae <Pr.Ent.Soc.Wash.,49,123-132.
 47. Larvae of . . . Anthribidae <Ann.Ent.Soc.Amer.,40,489-517.
- Andison, H.**
 12. *Brachyrhinus singularis* in B.C. <Pr.Ent.Soc.B.C.,no.38,8-10.
- Andrewes, H. E.**
 39. Gen. names of Brit. Carabidae <Gen.Names Br.Ins.,6,172-189.
- Arnett, R. H., Jr.**
 11. Rev. . . Silphini, Nicrophorini <Jl.N.Y.Ent.Soc.,52,1-25.
 16. Col. Notes I: Silphidae <Can.Ent.,78,131-131.
 17. Syst.Nat., Coleoptera I <Dryden, N.Y., 32 pp.
 17. Syst.Nat., Col.II,Cicindelidae <Dryden, N.Y., 7 pp.
 17. Syst.Nat., Histeridae, I <Dryden, N.Y., 33-40.
 17. Syst.Nat., Histeridae, II <Dryden, N.Y., 41-43.
 17. Syst.Nat., Silphidae <Dryden, N.Y., 44-50.
 17. Syst.Nat. Col.V, Lagriidae <Dryden, N.Y., 51-56.
 17. Syst.Nat., Coleoptera VI <Dryden, N.Y., 57-60.
 18. Rev. of Rhinoplatia <Pr.Ent.Soc.Wash.,49,241-246.
- Arrow, G. J.**
 13. Gen. & nomen. Lucanoid Col. <Pr.Ent.Soc.Lond.,B,12,133-143.
 15. Syst.notes . . . gen. of Erotylidae <Pr.Ent.Soc.Lond.,B,14,117-118.
- Baldorf, W. A.**
 12. Color . . . in *Diabrotica 12-punctata* <Ent.News,53,171-172.
- Balfour-Browne, F.**
 43. Wing-venation of Adephaga <Jl.R.Micros.Soc.,63,55-58.
- Balfour-Browne, J.**
 43. N.gen.name in Dytiscidae <Pr.Ent.Soc.Lond.,B,12,172.
 44. N.names & syn. in Dytiscidae <Ann.Mag.N.H.,(11),11,345-359.
 45. Gen. of Gyrinoidea <Ann.Mag.N.H.,(11),12,103-111.
 47. Rev. genus *Bidessonotus* <Pr.Ent.Soc.Lond.,98,425-448.
 47. Aquatic col. of Manchuria <Ann.Mag.Nat.Hist.,(11),13,433-460.
- Balfour-Browne, W. A. F.**
 10. Gen. names of Br.Hydradephaga <Gen.Names Br.Ins.,7,202-207.
- Balthasar, V.**
 44. . . . neue coproph. Scarabaeiden <Ent.Blatter,37,84-93.
- Bänninger, M.**
 30. Die Gatt. *Pelophila* Dej. <Notulæ Ent.,10,95-96.
- Barber, H. S.**
 39. A n . . . Calif. Ripiphoridae <Bull.Br.Ent.Soc.,34,17-20.
 40. (Pp.1-12, see Barber & Bridwell) <Bull.Br.Ent.Soc.,36,25-26.
 41. *Notoxus bicolor* a homonym <Pr.Ent.Soc.Wash.,43,65-68.
 41. *Diphaula* . . . in trop. Amer. <Bull.Br.Ent.Soc.,37,174-176.
 42. Some syn. in *Dermestes* <U.S.D.A.Misc.Pub,468,1-32.
 42. Raspberry fruitworms . . . <Bull.Br.Ent.Soc.,38,111-120.
 43. Notes on *Rhabdopterus* <Bull.Br.Ent.Soc.,40,121-122.
 45. Note on *Ceratomya* & *Andrector* <Bull.Br.Ent.Soc.,41,102-105.
 46. N. tortoise beetle from Texas <Bull.Br.Ent.Soc.,41,110-142.
 46. A n. *Rhabdopterus* from Texas <Mem.Soc.Cub.H.N.,18,19-22.
 46. (*Aedeagus* of Chrysomelidae) <Ann.Ent.Soc.Amer.,40,341-349.
 47. Old . . . beetle . . . *Thylodrias contractus* <Bull.Br.Ent.Soc.,41,161.
 47. Cor. name of tortoise beetles <Pr.Ent.Soc.Wash.,49,151-161.
 47. *Diabrotica* and two ngenera
- Barber, H. S. and Bridwell, J. C.**
 10. Dejean Catalogue names <Bull.Br.Ent.Soc.,35,1-12

- Barr, W. F.**
 41. New rec. of *Paratyndaris* <Bull.Br.Ent.Soc.,36,168-169.
 41. Distr. notes of *Acmæodera* <Pan-Pac.Ent.,17,62-69.
 42. N.sp. of *Acmæodera* . . . So.Cal. <Pan-Pac.Ent.,18,113-114.
 47. N.subsp. of *Enoclerus* <Great Basin Nat.,7,21-22.
 47. N.sp. *Cymatodera* . . . Cal,Ore. <Bull.Br.Ent.Soc.,42,17-18.
 47. *Enoclerus humeralis* . . . homonym <Pan-Pac.Ent.,23,24.
 47. Parasites of two Coleoptera <Pan-Pac.Ent.,23,58.
- Barr, W. F. and Linsley, E. G.**
 47. Distr. . . . biol. notes . . . *Melanophila* <Pan-Pac.Ent.,23,162-166.
- Beal, J. A. and Massey, C. L.**
 45. Bark beetles and ambrosia beetles <Duke Univ.Sch.For.,Bull.10,178 pp.
- Beard, R. L.**
 41. (Pp. 242-244, see Beard & Wallace)
 42. Note on *Lagochirus aranciformis* <Ent.News,53,61-62.
 42. (Pp. 86-87, see Wallace & Beard)
- Beard, R. L. and Wallace, P. P.**
 41. Prothetely in *Scolytus* <Ent.News,52,242-244.
- Beaulieu, G.**
 00. Cicindèles de . . . Québec <Nat.Canad.,27,136-140,152-154.
 00. Scarabéides de . . . Québec <Nat.Canad.,27,166-171,183-184.
 01. Scarabéides de . . . Québec <Nat.Canad.,28,20-23,83-86,99-102.
 03. Scarabéides de . . . Québec <Nat.Canad.,30,10-13,38-42,107-111,
 125-128,177.
 04. A propos de larves <Nat.Canad.,31,97-99.
- Beaulieu, G. and Chagnon, G.**
 32. Les Elatérides <Nat.Canad.,59,31-36.
- Beaulne, J.-I.**
 14. Les Coleop. du Canada
 Cicindelides <Nat.Canad.,40,103-111,122-123.
 Carabidae <Nat.Canad.,40,152-156,171-176,
 177-180,41,28-31,40-48,55-62,
 71-78,87-94.
 15. Carabidae (cont.) <Nat.Canad.,41,108-111,120-127,
 139-143,155-160,171-175,189-192;
 42,13-15,29-31,45-47,59-63.
 16. Carabidae (cont.) <Nat.Canad.,42,158-160,187-191;
 43,10-15,22-26.
 Amphizoidae <Nat.Canad.,43,78.
 Halipidae <Nat.Canad.,43,78-80,90-92.
 Dytiscidae <Nat.Canad.,43,92-96.
 17. Dytiscidae (cont.) <Nat.Canad.,43,105-111,138-141.,
 156-159,172-175,44,14-16.
 18. Dytiscidae (cont.) <Nat.Canad.,44,110-111,123-128.
 Gyrinidae <Nat.Canad.,44,159-160,171-174.
 Hydrophilidae <Nat.Canad.,44,175-176,187-191,45,
 76-79,93-95.
 19. Hydrophilidae (cont.) <Nat.Canad.,45,110-112,127-128,140.
 Platypyllidae <Nat.Canad.,45,140.
 Leptinidae <Nat.Canad.,45,140-141.
 Silphidae <Nat.Canad.,45,142-143,157-160,
 173-175,186-191; 46,45-47.
 Seydmaenidae <Nat.Canad.,46,47-48,69-72.
 Pselaphidae <Nat.Canad.,46,94-96,117-119,
 136-143.
 20. Pselaphidae (cont.) <Nat.Canad.,46,164.
 Staphylinidae <Nat.Canad.,46,165-167,181-185,
 212-216,235-239,260-263,274-284;
 47,66-71,89-95,117-120,138-142.
 21. Staphylinidae (cont.) <Nat.Canad.,47,279-284;48,21-24,
 42-48,64-72,89-96,113-120,
 141-144.
 22. Ptiliidae <Nat.Canad.,48,165-167,188-191.
 Scaphidiidae <Nat.Canad.,48,191,212-214.
 Phalacridae <Nat.Canad.,48,215,236-238.
 Orthoperidae <Nat.Canad.,48,238-239,260-262.

- Coccinellidae <Nat.Canad.,18,262-263; 49,18-24, 67-72,92-95.
Endomychidae <Nat.Canad.,19,114-118.
Erotylidae <Nat.Canad.,19,142-144.
23. Erotylidae (cont.) <Nat.Canad.,49,190-192.
Colydiidae <Nat.Canad.,19,211-216.
Rhyssodidae <Nat.Canad.,19,216,234-235.
Cucujidae <Nat.Canad.,49,235-239,261-263.
Cryptophagidae <Nat.Canad.,19,263-264,276-280;50, 68-69.
Mycetophagidae <Nat.Canad.,50,69-71,90.
Dermestidae <Nat.Canad.,50,90-95,117-118.
Histeridae <Nat.Canad.,50,118-120,140-143.
24. Histeridae (cont.) <Nat.Canad.,50,163-167,185-187.
Nitidulidae <Nat.Canad.,50,187-191,213-215, 256-259,259-262.
Rhizophagidae <Nat.Canad.,50,262-263.
Lathrididae <Nat.Canad.,50,273-279; 51,65-66.
Ostomidae <Nat.Canad.,51,66-70.
Monotomidae <Nat.Canad.,51,70,92-94.
Derodontidae <Nat.Canad.,51,94-95.
Byrrhidae <Nat.Canad.,51,110-116,111-142.
Georyssidae <Nat.Canad.,51,143.
25. Psephenidae <Nat.Canad.,52,92-93.
Dryopidae <Nat.Canad.,52,93-94.
Helmidae <Nat.Canad.,52,94-96,113-114.
Heteroceridae <Nat.Canad.,52,114-116.
Dasyllidae <Nat.Canad.,52,116-119.
Helodidae <Nat.Canad.,52,119,141-143.
Rhipiceridae <Nat.Canad.,52,143-144.
26. Elateridae <Nat.Canad.,52,164-168,187-191; 53,21-24,46-48,68-71,91-95.
27. Elateridae (cont.) <Nat.Canad.,53,202-214,258.
Melasidae <Nat.Canad.,53,258-263,271-279.
28. Cebionidae <Nat.Canad.,55,91-92.
Throscidae <Nat.Canad.,55,92-95.
29. Buprestidae <Nat.Canad.,55,159-166,188-191, 213-215,235-239,257-263, 276-280; 56,21-23.
32. Longicornes nuisibles . . . Canada <Nat.Canad.,59,196-203,219-222.
36. Contr. . . . Col. du Canada <Nat.Canad.,63,158-164.
39. Notes on Chrysomelidae <Can.Ent.,71,163-164.
40. Contr. . . . Cicindelidae du Canada <Nat.Canad.,67,79-83.
40. Contr. . . . Col. du Canada <Nat.Canad.,67,84-86,303-306.
41. Contr. . . . Col. du Canada <Nat.Canad.,68,10-21,81.
41. Col. nuisibles a . . . Coniferes <Nat.Canad.,68,177-191.
42. Notes from 1940 <Can.Ent.,74,12.
Beer, F. M.
40. Buprestidae of s.w. Oregon <Pan-Pac.Ent.,16,13-16.
41. (Pp. 93-144, see Beer & Hatch)
44. Notes on . . . Acmaeodera of Oregon <Pan-Pac.Ent.,20,105-109.
Beer, F. M. and Hatch, M. H.
41. Col. of Wash., Buprestidae <Un.Wash.Pub.Biol.,10,93-114.
Beerbower, F. A.
43. Life hist. of *Scirtes orbiculatus* <Ann.Ent.Soc.Amer.,36,672-680.
Belkin, J. N.
40. Notes on N.A. Bostrichidae <Ent.News,51,192-193.
Benesh, B.
42. Notes on nearctic stagbeetles <Ent.News, 55,221-223.
44. Esplanate vs. explanate <Ent.News,55,66.
46. Rev. of *Platyceus* <Tr.Amer.Ent.Soc.,72,139-202.
Bernet Kempers, K. J. W.
44. Larven der Helodidae (*Cyphonidae*) <Tijdsch.Ent.,86,85-91.
Bickhardt, H.
42. Neue Histeriden . . . <Ent.Mitt.,1,289-295.
43. Beitrag zur . . . Histeriden <Deutsch.Ent.Zs.,1913,696-701.

- Bird, R. D.**
 17. (Biol.) . . . *Sitona cylindricollis* <Can.Ent.,79,5-11.
- Bjorkman, F. and Hatch, M. H.**
 39. Note on *Silpha coloradensis* <Pan-Pac.Ent.,15,96.
- Blackman, M. W.**
 10. A n.sp. of *Xylechinus* from Mont. <Pr.Ent.Soc.Wash.,42,123-125.
 40. Scolytid beetles of . . . Renosis <Pr.U.S.Nat.Mus.,88,373-401.
 41. Bark beetles . . . *Hylastes* . . . N.A. <U.S.D.A.Misc.Pub.417,27 pp.
 12. Rev. of . . . *Phloeosinus* <Proc.U.S.Nat.Mus.,92,397-474.
 12. Rev. . . . *Pseudohylesinus* <U.S.D.A.Misc.Pub.461,32 pp.
 13. N.gen. & spp. neotrop. bark beetles <Jl.Wash.Ac.Sci.,33,34-38.
 13. N.gen. & spp. of . . . *Micracinae* <Pr.U.S.Nat.Mus.,93,341-365.
 43. New . . . Amer. scolytoid beetles <Proc.U.S.Nat.Mus.,94,371-399.
- Blackwelder, R. E.**
 39. 4th suppl. . . to Leng Catalogue <Mt. Vernon,N.Y.,146 pp.
 10. Some aspects of mod. taxonomy <Jl.N.Y.Ent.Soc.,48,245-257.
 41. Gender of scient.names in Zoology <Jl.Wash.Ac.Sci.,31,135-140.
 41. Monog. . . *Trigonurus* <Amer.Mus.Nov.,1124,13 pp.
 42. Ento. work of A. Fenyes <Pan-Pac.Ent.,18,17-22.
 42. Classif. . . *Lispini* & *Oseriinae* <Pr.U.S.Nat.Mus.,92,75-90.
 43. Monog.W.I. . . *Staphylinidae* <U.S.Nat.Mus.Bull.182,658 pp.
 44. Checklist Latin Amer. Coleop. I. <U.S.Nat.Mus.Bull.185,1-188.
 44. Checklist Latin Amer. Coleop. II. <U.S.Nat.Mus.Bull.185,189-341.
 45. Checklist Latin Amer.Coleop.III. <U.S.Nat.Mus.Bull.185,343-550.
 46. Checklist Latin Amer.Coleop.IV. <U.S.Nat.Mus.Bull.185,551-763.
 46. Fabrician genotype designations <Bull.Br.Ent.Soc.,41,72-78.
 47. Dates . . . Curtis' Brit.Entom. <Smiths.Misc.Coll.,107(5),1-27.
 47. Genotypes fixed by Fabricius <Bull.Br.Ent.Soc.,42,51-57.
 47. Checklist Latin Amer.Coleop.V. <U.S.Nat.Mus.Bull.185,765-925.
 47. Staphylinids of Cayman Is. <Pr.U.S.Nat.Mus.,97,117-123.
- Blaisdell, F. E.**
 39. N.sp. of *Coelus* <Ent.News,50,16-18.
 40. N.sp. of *Listrus* from Cajon Pass <Can.Ent.,72,212-213.
 40. N.sp. of *Helodes* from Cal. <Ent.News,51,190-191.
 40. Monog. study . . . *Trichochroides* <Tr.Amer.Ent.Soc.,66,283-306.
 10. Stud. in *Melyridae* No. 12 <Tr.Amer.Ent.Soc.,66,319-324.
 41. New *Coniontis* from Nev. <Ent.News,52,131-133.
 41. A n.sp. of *Eleodes* <Pan-Pac.Ent.,17,37-39.
 41. N.sp. of *Eleodes* from Ore. <Pan-Pac.Ent.,17,156-159.
 12. (Pp. 1-3, see Blaisdell & Van Dyke)
 12. Notes on *Eschatomoxys wagneri* <Ent.News,53,43-44.
 42. Misc. stud. in Col. No. 6 <Tr.Amer.Ent.Soc.,68,129-149.
 43. Ins. L.Cal. . . *Tenebrionidae* <Pr.Cal.Ac.Sci.,(4),24,171-288.
 45. Syn. rev. of *Cryptoglossa* <Pan-Pac.Ent.,21,23-29.
 47. New genus . . . *Tenebrionidae* <Pan-Pac.Ent.,23,59-62.
- Blaisdell, F. E. and Van Dyke, E. C.**
 42. Ralph Hopping <Pan-Pac.Ent.,18,1-3.
- Blake, (Mrs.) D. H.**
 39. A study of . . . *Monoxia* <Pr.U.S.Nat.Mus.,87,145-171.
 12. *Luperodes bivittatus* & *varicornis* <Pr.U.S.Nat.Mus.,92,57-74.
 43. Gen. posit. of *Hypolampsis* <Pr.Ent.Soc.Wash.,45,207-221.
 45. Genus *Galeruca* in N.A. <Pr.Ent.Soc.Wash.,47,53-63.
 46. Spp. of *Laetia* from W.I. [etc.] <Jl.Wash.Ac.Sci.,36,267-269.
- Boheman, C. H.**
 51. Ins. *Caffraria* . . . , I, (2), 299-625.
- Bostick, B. O.**
 45. Morphology of *Calosoma scrutator* <Ann.Ent.Soc.Amer.,38,14-32.
- Böving, A. G.**
 39. Desc. larval . . . *Popillia japonica* <Pr.Ent.Soc.Wash.,41,183-191.
 41. Rept.invest.Phyllophaga larvae <Yrbk.Am.Phil.Soc.,1940,123-125.
 12. Desc. . . larva . . . *Amphimallon* <Pr.Ent.Soc.Wash.,44,111-121.
 42. Desc. larvae W.I. *Melolonthine* <Pr.U.S.Nat.Mus.,92,167-176.
 12. Classif.larv. & ad.Phyllophaga <Mem.Ent.Soc.Wash.,2,1-96.
- Boyer, L. B.**
 10. Rev. . . . *Hoplia* <Microentomology,5,1-31.
 40. *Hoplia* miscellany <Pan-Pac.Ent.,16,96.

- Bradley, J. C.**
 13. Notes on . . . Histeridae <Bull.Br.Ent.Soc.,38,123.
 11. Key to spp. of Geotrupes <Bull.Br.Ent.Soc.,39,112-113.
 16. The fam. name Anthribidae <Bull.Br.Ent.Soc.,41,96-99.
 17. Contr.knowl. Mylabridae <Psyche,53,33-42.
 17. Classif. of Coleoptera <Col.Bull.,1,75-84.
- Breuning, S.**
 10. Novae sp. Cerambycidae <Folia Zool.Hyd.,10,37-85.
- Bridwell, J. C.**
 33. In Larson & Fisher <U.S.D.A.Tech.Bull.593,p.5.
 10. (Pp. 1-12, see Barber & Bridwell)
 16. Gen. of Bruchidae in Amer. <Jl.Wash.Ac.Sci.,36,52-57.
- Brimley, C. S.**
 33. Insects of No. Carolina <Raleigh, N.C., 560 pp.
 12. Suppl. to Insects of N.C. <N.C.Dept.Agr., 39 pp.
 13. (Pp. 128-137, see Wray & Brimley)
- Brimley, J. F.**
 41. Ceramib. of Pr.Edward Co., Ont. <Univ.Tor.St.Biol.,48,120-123.
- Brown, T.**
 36. Man. New Zealand Coleoptera <Wellington,N.Z.,Pt.IV,817-973.
- Brown, W. J.**
 39. Amer. sp. of *Ludius* <Can.Ent.,71,44-49.
 40. (Pp. 1-4, see d'Orchymont & Brown)
 40. Notes on distr. of *Col.* <Can.Ent.,72,65-78.
 40. Key to Ptinidae . . . in Can. <Can.Ent.,72,115-122.
 40. N.spp. of *Canthar.* & *Chrys.* <Can.Ent.,72,161-166.
 40. N. & poorly known Coleoptera <Can.Ent.,72,182-187.
 40. *Macrobasis unicolor*, etc. <Can.Ent.,72,230-232.
 42. Amer. spp. of *Phytodecta* <Can.Ent.,74,99-105.
 42. Amer.spp. of *Entomoscelis* & *Hippuriphila* <Can.Ent.,74,172-176.
 43. Canad. spp. of *Exema* & *Arthrochlamys* <Can.Ent.,75,119-131.
 41. New . . . Coleoptera, II. <Can.Ent.,76,4-10.
 44. Dimorph. of genit. in *Arthrochlamys* <Can.Ent.,76,70-72.
 45. *Calligrapha* in Canada <Can.Ent.,77,117-133.
 46. New *Chrysomelidae* <Can.Ent.,78,47-54.
 46. Notes on *Canthon* & *Dichelonyx* <Can.Ent.,78,104-109.
- Brues, C. T.**
 41. Larviform fem. of *Lamprophorus* <Psyche, 18,41-44.
- Bryson, H. R.**
 11. (Pp. 43-50, see Bryson & Dillon)
 41. Occur. in Kans. of *Amacentrinus* <Jl.Kans.Ent.Soc.,11,84-90.
- Bryson, H. R. and Dillon, G. F.**
 11. Morph. of *Agonoderus pallipes* <Ann.Ent.Soc.Amer.,34,43-50.
- Buchanan, L. L.**
 40. 3 n.sp. . . . *Cylindrocopturus* <Pr.Ent.Soc.Wash.,42,177-181.
 41. A n.sp. of *Smicronyx* <Pr.Ent.Soc.Wash.,43,29-32.
 42. 4 n.spp. of . . . (*Pantomorus*) <Bull.Br.Ent.Soc.,37,107-110.
 42. *Xylocomesus* . . . a curcul. <Pr.Ent.Soc.Wash.,44,50.
 46. Amer. *Rhyncolus* . . . n.sp. <Bull.Br.Ent.Soc.,41,129-136.
 46. *Pseudoneorhinus bifasciatus* in Amer. <Bull.Br.Ent.Soc.,41,143.
 47. Hickory . . . *Conotrachelus* <Pr.Ent.Soc.Wash.,49,41-54.
 47. Correct . . . n.races *Graphognathus* <Jl.Wash.Ac.Sci.,37,19-22.
- Buchanan, W. D.**
 40. *Xylosandrus germanus* <Jl.Econ.Ent.,33,818-820.
- Bumgardner, B. J.**
 45. *Cybocephalus* estab. in Calif. <Jl.Econ.Ent.,38,128.
- Butt, F. H.**
 14. Ext.morph. of *Amphimallon najaalis* <Cornell Un.Ag.Exp.Sta.
 Mem.266, 18 pp.
- Cadbury, J. W.**
 40. (Pp. 72-73, see Robinson & Cadbury)

- Campau, E. J.**
40. Morph. of *Chauliognathus pennsylv.* <Microentomology, 5, 57-60.
- Carpelan, L. H.**
11. (Pp. 153-156, see Struble & Carpelan)
- Carruth, L. A.**
36. Obs. on oblong leaf weevil in w.N.Y. <Jl.Econ.Ent., 29, 806-807.
- Cartwright, O. L.**
39. Corr. to list of S.C. Scarab. <Ent.News, 50, 284-286.
39. 11 n. Amer. Coleoptera <Ann.Ent.Soc.Amer., 32, 353-364.
41. Distr. of *Ataenius miamii* <Bull.Br.Ent.Soc., 36, 33.
43. Syn. of *Ataenius spretulus* <Bull.Br.Ent.Soc., 38, 108.
44. N. Scarab. from U.S. <Ann.Ent.Soc.Amer., 37, 28-36.
44. N. *Aphodius* from gopher burrows <Ent.News, 55, 129-135, 146-150.
45. *Ataenius darlingtoni* a syn. <Bull.Br.Ent.Soc., 40, 47.
46. N. *Phyllophaga* from Ala. & Ga. <Ent.News, 57, 10-12.
46. Two n. *Psammodytes* <Bull.Br.Ent.Soc., 41, 89-91.
- Casey, T. L.**
89. Coleop. Notices I. <Ann.N.Y.Ac.Sci., 5, 39-96.
90. Coleop. Notices I. <Ann.N.Y.Ac.Sci., 5, 97-198.
99. Caraboidea . . . <Can.Ent., 41, 253-284 (not 264).
- Cazier, M. A.**
39. Two n. Calif. Acmæodera <Bull.S.Cal.Ac.Sci., 37, 137-140.
39. Two n. west. tigerbeetles <Bull.Br.Ent.Soc., 34, 24-28.
39. New western Polyphylla <Bull.Br.Ent.Soc., 34, 199-202.
39. *Glyptoscelimorpha viridis* <Bull.Br.Ent.Soc., 34, 214.
39. Notes on *Schizopus* . . . key <Pan-Pac.Ent., 15, 85-86.
39. Notes on *Amblycheila* <Pan-Pac.Ent., 15, 110.
39. New Arizona *Priocera* <Pan-Pac.Ent., 15, 162-164.
39. New Calif. Scarabaeid <Bull.S.Cal.Ac.Sci., 38, 17-19.
40. Rev. *Phileurini* of America . . . <Bull.S.Cal.Ac.Sci., 38, 169-171.
40. New N. A. myrmec. Scarab. <Bull.Br.Ent.Soc., 35, 122-133.
40. Spp. of *Polyphylla* in N. A. <Ent.News, 51, 134-139.
40. New *Diplotaxis* and syn. <Ent.News, 51, 251-252.
40. New Amer. *Diplotaxis* <Great Basin Nat., 1, 127-137.
40. New spp. . . . *Diplotaxis* <Psyche, 47, 136-145.
40. New N.A. Acmæodera <Wasmann Colr., 4, 17-29.
40. N.sp. & syn. in Cal. Acmæodera <Wasmann Colr., 4, 57-59.
41. New syn. in *Schizopini* <Bull.Br.Ent.Soc., 36, 31-33.
43. (Pp. 1-27, see Cazier & McClay)
- Cazier, M. A. and McClay, A. T.**
43. Rev. of . . . *Coenonychia* <Amer.Mus.Nov., 1239, 27 pp.
- Chagnon, G.**
96. Faune Coleop. au Manitoba <Nat.Canad., 23, 156-157, 172-175, 188-190.
97. Faune Coleop. au Manitoba <Nat.Canad., 24, 14-16, 26-27, 105-107, 122-125.
99. Une chasse aux Col. à Boucherville <Nat.Canad., 26, 21-26.
99. *Sphindus spinifer* Csy. <Nat.Canad., 26, 26.
99. *Cychrus viduus* Dej. <Nat.Canad., 26, 187-188.
99. Notes entomologiques <Nat.Canad., 29, 129-131.
99. Longicornes de Québec <Nat.Canad., 32, 25-29, 41-45.
99. Coléoptères du Labrador <Nat.Canad., 36, 71-74.
99. Buprestides de Québec <Nat.Canad., 36, 145-152, 161-171.
38. Le genre *Dytiscus* <Bibl.Jeun.Nat., 54, 1-4.
39. Add. . . coleop. . . du Polypore <Nat.Canad., 66, 194.
39. Contr. . . Col. . . Québec <Nat.Canad., 66, 8-16, 38-46, 97-105, 166-178, 197-205, 229-238.
39. (Pp. 83-87, see Chagnon & Fournier)
41. Nouv. . . *Brathinus* pour Québec <Nat.Canad., 68, 274.
- Chagnon, G. and Fournier, O.**
39. List ins. Laurentide Park, Que. <70th Ann.Rpt.Ent.Soc.Ont., 83-87
- Chamberlin, W. J.**
39. Bark & timber beetles of N.A. <Corvallis, Ore., 512 pp.
- Champion, G. C.**
96. Some remarks on . . . *Palorus* <Ent.Mo.Mag., 32, 26-30.

- Champlain, A. B.**
 20. [Biol. of N. A. Cleridae] <Pr. U.S. Nat. Mus., 58, 624-639.
- Chandler, H. P.**
 41. N. spp. of Col. from Utah <Great Basin Nat., 2, 99-104.
 43. A. g. of Halipilidae from Cal. <Pan-Pac. Ent., 19, 151-158.
- Chang, P.-I.**
 47. (Pp. 117-127, see Hayes & Chang)
- Chapin, E. A.**
 10. Rev. W. L. . . . Aphodiinae <Pr. U.S. Nat. Mus., 89, 1-41.
 10. N. g. & spp. related to Serangium <Jl. Wash. Ac. Sci., 30, 263-272.
 16. Changes of names of Scarab. <Pr. Biol. Soc. Wash., 59, 79-80.
 16. Rev. n. world Hippodamia <Smiths. Misc. Col., 106, (11), 39 pp.
- Chen, S. H.**
 10. New classif. of leaf beetles <Sinensia, 11, 451-481.
- Chevrolat, L. A. A.**
 33. Centurie de Buprestides <Silb., Rev. Ent., 5, 68.
 73. Communication <Bull. Soc. Ent. Fr., 1878, liv.
- Chittenden, F. H.**
 96. Grain-feeding Palorus of U.S. <Ent. News, 7, 138.
- Chu, H. F.**
 45. Larvae of the Harpalinae . . . <Ent. Amer., 25, 1-71.
 46. (Pp. 69-79, see Hayes & Chu)
- Corporaal, J. B.**
 39. Rev. of Thaneroclerinae <Bijdr. Dierk., 27, 347-359.
- Dahl, R. G.**
 39. A n. Calif. Cicindelid <Bull. Br. Ent. Soc., 34, 221-222.
 40. Notes on Cicindelidae <Pan-Pac. Ent., 16, 79-80.
 41. Leng types of Cicindelidae <Ent. News, 52, 169-172, 188-191.
 41. Two n. s.-w. Chrysomelidae <Jl. Ent. & Zool., 33, 29-31.
 42. Cicind. formosa ssp. gibsoni <Pan-Pac. Ent., 18, 132.
- Darlington, P. J.**
 10. Stomis pumicatus in Amer. <Can. Ent., 72, 252.
 10. H. C. Fall <Psyche, 47, 45-54.
 40. Fall Collection <Harvard Alum. Bull., 42, 855-857.
 41. T. W. Harris Collection <Ent. News, 52, 273.
 41. Report on Coleoptera <Ann. Rpt. M. C. Z., 1940-41, 16-18.
 43. Carabidae of mts. & islands <Ecol. Monog., 13, 37-61.
- Daviault, L.**
 41. La Chrysomèle du Saule <Nat. Canad., 68, 57-81, 89-112.
- Davis, A. C.**
 10. Notes on Dinapate wrightii <Pr. Ent. Soc. Wash., 42, 129-134.
 47. Rev. . . . Ophryastini, n. of Mex. <Pr. U.S. Nat. Mus., 96, 483-551.
- Dawson, R. W.**
 47. N. spp. of Serica. VIII <Jl. N. Y. Ent. Soc., 55, 223-235.
- Denier, P. C. L.**
 10. Enum. Meloid . . . Corr. Add. <Rev. Soc. Ent. Arg., 10, 418-425.
 42. Apuntes . . . Naupactini <Rev. Soc. Ent. Arg., 11, 208-211.
- Oethlefsen, E. S.**
 16. N. sp. of Bolitobius from Pac. Cst. <Pan-Pac. Ent., 22, 71-72.
 17. Coleop. taken . . . wet paint <Pan-Pac. Ent., 23, 36.
- Dietrich, H.**
 42. Typhloglymma puteolatum <Bull. Br. Ent. Soc., 37, 178.
 45. Elateridae of N. Y. State <Cornell Un. Ag. Exp. Sta. Mem., 269, 79 pp.
- Dillon, G. F.**
 41. (Pp. 45-50, see Bryson & Dillon)
- Dillon, L. S. and Dillon, E. S.**
 41. Monochamini of West. Hemisphere <Reading Pub. Mus. Sci. Pub., 1, 135 pp.
 43. Suppl. notes on Monochamini <Jl. N. Y. Ent. Soc., 51, 13-18.
 45. The tribe Onciderini. I. <Reading Pub. Mus. Sci. Pub., 5, 186 pp.

46. The tribe Onciderini, II.
47. Tribe Dorcaschematini
 <Reading Pub.Mus.Sci.Pub.6,189-413.
 <Tr.Amer.Ent.Soc.,73,173-298.
- Dobzhansky, T.**
41. *Hyperaspis* of U. S.
 <Smiths.Misc.Col.,101,(6),92 pp.
- Dodge, H. R.**
39. Nitidulid notes & desc.
41. Observ. on *Sandalus niger*
 <Ent.News,50,287-291.
 <Ann.Ent.Soc.Amer.,34,458-466.
- Donohoe, H. C.**
39. Coleoptera . . . in raisin storage
 <Pr Ent.Soc.Wash.,41,154-162.
- d'Orchymont, A.** (see Orchymont, A d')
- Dorsey, C. K.**
40. Larvae of 6 spp. of *Silpha*
 <Ann.Ent.Soc.Amer.,33,120-139.
- Doucette, C. F. and Latta, R.**
46. The lily weevil . . . in Pac. N.W.
 <U.S.Dep.Agr.Circ.746, 24 pp.
- Duncan, J.**
41. . . . *Gastroidea cyanea*
 <Ann.l'ACFAS,10,104.
- Dybas, H. S.**
43. (Pp. 546-586, see Seevers & Dybas)
- Eckhoff, D. E.**
39. Cicindelidae of Iowa
 <Iowa St.Coll.Jl.Sci.,13,201-230.
- Eggers, H.**
28. *Ipidae* da Amer. do Sul.
 <Arqu.Inst.Biol.,1,83-99.
- Emden, F. I. van**
41. Key to world Brachyderinae
 <Ann.Mag.Nat.Hist.,(11),11,
 503-532, etc.
- Erichson, W. F.**
43. Beitr.ang. Ins. Angola . . .
 <Arch.Nat.,9,199-267.
- Essig, E. O.**
43. Calif. laurel borer, *Rosalia funebris*
 <Pan-Pac.Ent.,19,91-92.
- Falkenström, G.**
39. Beitr.rev. Deronectes & Oreodytes
 <Ent.Tidskr.,60,69-101.
- Fattig, P. W.**
41. Phyllophaga . . . of Georgia
47. Cerambycidae . . . of Georgia
 <Emory Un.Mus.Bull.,2,32 pp.
 <Emory Un.Mus.Bull.,5,48 pp.
- Felt, E. P.**
18. Misc. notes, *Liophilocus tessulatus*
20. 34th Rpt.St.Entomol.1918
28. [N.Y. rec. of *Phyllobius oblongus*]
32. New pest in greenhouse grape
 <Jl.N.Y.Ent.Soc.,26,225.
 <N.Y.St.Mus.Bull.231-232,p.66.
 <N.Y.St.Mus.Bull.274,145-176.
 <Jl.Econ.Ent.,25,418.
- Fender, D. M.** (see McKey-Fender, D.)
- Fender, K. M.**
43. Studies in the Cantharidae
44. (P. 188, see Hatch & Fender)
45. Studies in the Cantharidae, II.
45. Oregon Chrysomelidae
45. *Podabrus* of Wash. & Ore.
45. *N. Laricobius* from Ore.
45. *Agabus griseipennis* in Ore.
46. A n.sp. of *Podabrus*
46. Some new Oregon beetles
46. Correct. to key of Scaptiini
46. Some n.spp. of *Malthodes*
 <Pan-Pac.Ent.,19,63-69.
 <Can.Ent.,77,37-39.
 <Pan-Pac.Ent.,21,72-73.
 <Pan-Pac.Ent.,21,77-80.
 <Pan-Pac.Ent.,21,152.
 <Pr.Ent.Soc.B.C.,42,2.
 <Bull.Br.Ent.Soc.,41,12.
 <Pan-Pac.Ent.,22,66-68.
 <Pan-Pac.Ent.,22,117.
 <Pan-Pac.Ent.,22,142-144.
- Fisher, W. S.**
39. A n. Anobiid . . . from Ore.
39. A n.sp. of *Vrilletta* from Cal.
40. A n.sp. of *Actenodes*
41. (Pp. 118-122, see Lane & Fisher)
42. N. Cerambycidae from Ore.
42. Rev. . . . Chrysobothrini
43. Two n. Buprestidae
 <Pr.Ent.Soc.Wash.41,26-27.
 <Pr.Ent.Soc.Wash.,41,174-175.
 <Pr.Ent.Soc.Wash.,42,176.
 <Can.Ent.,74,51.
 <U.S.D.A.Misc.Pub.470,274 pp.
 <Pr. Ent.Soc.Wash.,45,201-203.

15. New Obeera from Canada <Can.Ent.,77,56.
 15. Change of name in Cerambycidae <Pr.Ent.Soc.Wash.,47,251.
 16. Syn. of . . . , Stenophenus <Jl.Wash.Ac.Sci.,36,86-94.
- Flanders, S. E.**
 10. Coccinellid introd. into Calif. <Jl.Econ.Ent.,33,202-203.
- Forbes, W. T. M.**
 12. Wing of the Schizopini <Ent.News,53,101-102.
 12. Wing of Mastogenus <Jl.N.Y.Ent.Soc.,50,193-194.
- Foster, R. E.**
 12. Ins. at Vancouver, B.C. Part I. <Pr.Ent.Soc.B.C.,38,19-23.
- Fournier, O.**
 39. (Pp. 83-87, see Chagnon, & Fournier)
 40. *Tricrania sanguinipennis* <Nat.Canad.,67,311.
 41. *Tricrania sanguinipennis* <Ann.l'ACFAS,7,117.
- Fox, H.**
 39. Future dist. of Jap.beetle in N.A. <Jl.N.Y.Ent.Soc.,47,105-123.
- Frick, K. E.**
 16. N. rec. for *Aulicus terrestris* <Pan-Pac.Ent.,22,55.
- Frost, C. A.**
 41. Notes on *Notiophilus* <Bull.Br.Ent.Soc.,36,127-128.
 45. Notes on Maine Col. for 1945 <Psyche,52,177.
 16. *Dichelonyx canadensis* <Psyche,53,20.
 16. Notes on uncommon Coleoptera <Psyche,53,21.
 16. *Cicindela formosa generosa* <Psyche,53,30.
 16. *Polydrusus sericeus* <Psyche,53,51.
 47. *Oethephilum fracticorne* <Bull.Br.Ent.Soc.,42,18.
 47. Sphindidae and Cistidae <Psyche,54,180.
- Gambrell, F. L., Mendall, S. C., and Smith, E. H.**
 12. Destr. Eur. Ins. in U. S. <Jl.Econ.Ent.,35,289.
- Gebien, H.**
 33. Kat. der Tenebrioniden.H. <Mitt.Münch.Ent.Ges.,28,49-80,
 283-314,397-428.
 41. Kat. der Tenebrioniden <Mitt.Münch.Ent.Ges.,31,331-362.
- Gellermann, H.**
 23. A n.sp. of *Hydroporus* from Wash. <Pan-Pac.Ent.,5,63-65.(Not 1932,
 2nd suppl.)
- Gentner, L. G.**
 41. . . . beetles of genus *Epitrix* . . . <Pr.Ent.Soc.Wash.,46,137-149.
- Germain, F.**
 16. *Histerides* capturés à Ottawa . . . <Nat.Canad.,42,103-105.
 17. *Histérides* d'Ottawa et environs <Nat.Canad.,43,125-128,136-138.
- Gillogly, L. R.**
 16. N.sp. of Nitidulidae <Pan-Pac.Ent.,22,22-24.
 47. *Sensillum* in *Carpophilus* <Pan-Pac.Ent.,23,134-136.
- Glen, R.**
 41. Morph. larval Elateridae,2. <Can.Ent.,73,57-62.
 43. (Pp. 358-387, see Glen, King, & Arnason)
 44. Morph. larval Elateridae,3. <Can.Ent.,76,73-87.
- Glen, R., King, K. M., and Arnason, A. P.**
 43. Identif. of econ.wireworms in Can. <Can.Jl.Res.,21,358-387.
- Godard, A.**
 43. Descr. esp.nouv. Dermestide <Ann.Soc.Linn.Lyon,(2),29,383-384.
- Goff, C. C.**
 39. (Pp. 53-63, see Young & Goff)
- Goodliffe, F. D.**
 39. Taxon . . . wing venation . . . Dytiscidae <Tr.Soc.Brit.Ent.,6,23-28.
- Gordner, D.**
 40. (Pp. 127-128, see Jaques & Gordner)
- Gorham, R. P.**
 43. [*Phyllobius oblongus* in N.Bruns.] <Acad.Nat.,1,84-86.

- Grant, C.**
46. Kaleid. color changes in beetles <Jl.Ent.Zool.,38,55.
- Gray, B.**
37. Col.of Wash., Carabidae: Agonini <Pub.Un.Wash.,Thesis Ser.,2,309-313.
41. (Pp. 5-45, see Gray & Hatch)
- Gray, B. and Hatch, M. H.**
41. Col. of Wash., Carabidae: Agonini <Un.Wash.Pub.Biol.,10,5-45.
- Gredler, V. M.**
77. Zur Käfer-Fauna Centr.-Afrikas <Verh.z.-b.Ges.Wien,27,501-522.
- Green, G.**
39. Biol. of *Lema sexpunctata* <Jl.Kans.Ent.Soc.,12,128-132.
- Green, J. W.**
40. Taxon.stud. in *Cantharis* <Ent.Amer.,20,159-217.
41. An apterous . . . *Photinus* <Jl.Kans.Ent.Soc.,14,17-18.
46. A n.sp. of *Enochrus* <Tr.Amer.Ent.Soc.,72,61-64.
47. New e.Amer. sp. *Podabrus* <Tr.Amer.Ent.Soc.,73,63-76.
- Gregson, J. D.**
41. . . . *Melandrya striata* in B.C. <Pr.Ent.Soc.B.C.,41,36.
- Gressitt, J. L.**
47. Notes on Lepturinae <Pr.Ent.Soc.Wash.,49,190-192.
- Guignot, F.**
36. Contr. . . . syst. des *Agabus* <Bull.Soc.Ent.Fr.,41,186-191.
39. Apropos du type de genre *Haliphus* <Bull.Soc.Ent.Fr.,44,176.
- Guppy, R.**
47. Rec. of Carabidae on Vanc. I. <Coleop.Bull.,1,51-52.
- Hagen, K. S.**
46. . . . *Ceutorhynchus assimilis* in Cal. <Pan-Pac.Ent.,22,73.
- Hallock, H. C.**
39. . . . Pa. fleabeetles in tobacco <Ent.News,50,121-124,156-159.
- Hardy, G. A.**
42. Notes on wood-boring beetles . . . B.C. <Pr.Ent.Soc.B.C.,39,9-13.
44. . . . Cerambycidae of Vanc.I. <Pr.Ent.Soc.B.C.,41,15-18.
- Harmston, F. C.**
46. (P. 384, see Knowlton & Harmston)
- Hatch, M. H.**
39. Coleop. . . . Engelhardt in Alaska <Bull.Br.Ent.Soc.,34,45-50.
39. Cordatus-group of *Agabus* <Ent.News,50,104-106.
39. (P. 96, see Bjorkman & Hatch)
39. (Pp. 215-218, see Minsk & Hatch)
39. Key to *Nebria* of Northwest <Pan-Pac.Ent.,15,117-122.
40. Observ. on Silphinae <Jl.N.Y.Ent.Soc.,48,233-244.
40. Grain beetles in Wash. <Pan-Pac.Ent.,16,34-35.
41. Sec.suppl.to indices to keys <Jl.N.Y.Ent.Soc.,48,21-42.
41. Logical basis of species concept <Amer.Nat.,75,223-242.
41. (Pp. 93-144, see Beer & Hatch)
41. (Pp. 5-45, see Gray & Hatch)
41. (Pp. 47-91, see McGrath & Hatch)
42. Biol. of stored grain insects <Bull.Ass.Oper.Mill.,1942,1207-1211.
43. *Ptinus tectus* . . . in Alaska <Jl.Econ.Ent.,36,353.
44. Two n. Adephagid beetles <Bull.Br.Ent.Soc.,39,45-47.
41. (P. 188, see Hatch & Fender)
44. Stud. on n.w. Staphs I. <Pan-Pac.Ent.,20,101-104.
45. Three Silphidae in B.C. <Pr.Ent.Soc.B.C.,42,14.
45. (Pp. 147-154, see Patterson & Hatch)
46. Notes on introd. sp. of *Carabus* <Bull.Br.Ent.Soc.,41,71.
46. Arnett's rev. of Silphinae <Jl.N.Y.Ent.Soc.,54,99-103.
46. Eur. Coleoptera in Wash. <Pan-Pac.Ent.,22,77-80.
46. Beetles <Biologist,28,66-80.
46. Nameability in taxonomy <Ent.News,57,141-143.
46. *Hadrobregmus gibbicollis* . . . <Jl.Econ.Ent.,39,274.
17. Reflections on the subspecies <Ent.News,58,168-170.
- Hatch, M. H. and Fender, K. M.**
41. Notes on *Zacotus matthewsi* <Can.Ent.,76,188.

- Hayes, W. P.**
 11. Work on elasm. of immat. ins. <Jl.Kans.Ent.Soc.,14,3-11.
 16. (Pp. 69-79, see Hayes & Chu)
 17. (Pp. 117-127, see Hayes & Chang)
- Hayes, W. P. and Chu, H. F.**
 16. Larvae of *Nosodendron* <Ann.Ent.Soc.Amer.,39,69-79.
- Hayes, W. P. and Chang, P.-I.**
 17. Larva of *Pleocoma* <Ent.News,58,117-127.
- Heinze, E.**
 27. Beitrag zur . . . Criocerinen <Ent.Mitt.,16,138-142.
- Heit, C. E.**
 10. (Pp. 279-282, see Henry & Heit)
- Helper, J. R.**
 39. Male *Buprestis connexa* <Pan-Pac.Ent.,15,60.
 44. Revision of *Buprestis* <Ent.Amer.,21,123-199.
 46. New spp. of *Buprestis* <Pan-Pac.Ent.,22,100-102.
- Henderson, L. S.**
 10. Rev. of *Listronotus*, L. <Un.Kans.Sci.Bull.,26,215-337.
- Henry, H. K. and Heit, C. E.**
 10. Flight records of *Phyllophaga* <Ent.News,51,279-282.
- Heyden, Reitter, and Weise**
 06. Cat.Col.Eur.Cauc.Armen., ed. 2.
- Hicks, S. D.**
 42. Observ. *Sandalus niger* in Ont. <Can.Ent.,74,78-79.
 44. Col. taken at Ojibway, Ont. <Can.Ent.,76,163.
 46. Additional . . . Col. . . Ont. <Can.Ent.,77,1945(1916),214.
- Hincks, W. D.**
 44. Notes on *Byturus* <Ent.Mo.Mag.,80,178-180.
- Hinton, H. E.**
 39. Classif. of *Linnichidae* <Entomologist,72,181-186.
 44. *Prinidae* of econ. importance <Bull.Ent.Res.,31,(4),331-181.
 45. Monog. . . beetles assoc. stored prod. <London,vol.1, 443 pp.
 45. Key to N.A. spp. of *Tetropus* <Pr.Ent.Soc.Lond.,B,14,38-45.
- Högg, N.**
 45. Behaarung . . . der *Atheta* <Ent.Meld.,24,264-286.
- Hoffman, C. E.**
 10. Morph. immat. *Donaciini* <Pap.Mich.Ac.Sci.,25,243-290.
- Hoffmann, C. H.**
 35. Biol. notes on *Ataenius cognatus* <Jl.Econ.Ent.,28,666-667.
 39. Biol. & tax. of *Osmoderma* <Ann.Ent.Soc.Amer.,32,510-525.
 40. Add. to ins. reared from elm <Bull.Br.Ent.Soc.,35,54-63.
 41. Obs. on *Xylosandrus germanus* <Jl.Econ.Ent.,34,38-42.
 42. List of elm ins. in U. S. <U.S.D.A.Misc.Pub.466,20 pp.
- Hope, F. W.**
 31. In Pettigrew, Hist.Egypt.Mummies.
- Hopping, G. R.**
 37. Rev. *Clytini* of Boreal Amer.,II. <Ann.Ent.Soc.Amer.,30,438-457.
 43. Obs. on *Brachysomida copulenta* <Pan-Pac.Ent.,19,119-120.
 45. N.ssp. *Monochamus notatus* <Pr.Ent.Soc.B.C.,42,17-18.
 47. (Pp. 220-236, see R. Hopping & G. R. Hopping)
- Hopping, R.**
 35. Obs. nomencl. & tax. of Col. <Pr.Ent.Soc.B.C.,31,33-35.
 39. New sp. of *Ips* <Can.Ent.,71,168-169.
 39. N.spp. of *Madachius* from Cal. <Pan-Pac.Ent.,15,61-62.
 40. New *Lepturini* <Pan-Pac.Ent.,16,32-34.
 41. A n.s.p. of *Xylotrechus* <Pan-Pac.Ent.,17,29-30.
 47. (Pp. 220-236, see R. Hopping & G. R. Hopping)
- Hopping, R. and Hopping, G. R.**
 47. *Lepturini* of N.A., Part III. <Sci.Agric.,27,220-236.
- Houghton, F.**
 47. Say's blister beetles <Bull.Br.Ent.Soc.,42,103-105.

- Hoey, C. L.**
41. Stud. on *Chion cinctus* <Pr.Okla.Ac.Sci.,21,23-24.
- Huard, V.-A.**
11. *Phytonomus nigrirostris* <Nat.Canad.,38,60-61.
- Hughes, J. H.**
14. List of Chrysomelidae in Ohio <Ohio Jl. Sci.,44,129-142.
- Hungerford, H. B.**
45. *Typophorus viridicyaneus* in Kan. <Jl.Kans.Ent.Soc.,18,154-155.
- Hung-Fu Chu** (see Chu, H.-F.)
- Hustache, A.**
39. Curc. nouv.de l'Argentine . . . <An.Soc.Cient.Arg.,128,99-124.
- Isely, D.**
39. Distr. of veg. weevil in Ark. <Jl.Kans.Ent.Soc.,12,30.
- Jaques, H. E.**
40. (Pp. 427-428, see Jaques & Gardner)
43. (Pp. 341-344, see Owen & Jaques)
46. (Pp. 293-298, see Jaques & Redlinger)
- Jaques, H. E. and Gardner, D.**
40. List of Iowa Mordellidae <Pr.Iowa Ac.Sci.,46,427-428.
- Jaques, H. E. and Redlinger, L.**
46. Prel.list of Carabidae . . . Iowa <Pr.Iowa Ac.Sci.,52,293-298.
- Jeannel, R.**
36. Monog. des Catopidae <Mem.Mus.Nat.H.N.,1,433 pp.
40. Distrib.geogr . . . Catopidae <6 Cong.int.Ent.,493-499.
- Jewett, H. H.**
39. Larva of *Ludius divaricatus** <Can.Ent.,71,105-108.
46. Ident.of some larval Elateridae <Ky.Ag Exp.Sta.Bull.489,40 pp.
- Johnson, C. W.**
30. List ins . . . Nantucket, Mass. <Pub.Nan.M.Mitch.Assn.,3,no.2.
- Johnson, J. P.**
41. *Cyclocephala borealis* in Conn. <Jl.Ag.Res.,62,79-86.
44. Imported long-horned weevil <Conn.Ag.Exp.Sta.Bull.479,121-142.
45. *Dermestes cadaverinus* Fabr. <Conn.Ag.Exp.Sta.Bull.488,411-415.
- Johnson, P. H.**
41. Eumolpinae & Chrysom. in S.D. <Ent.News,52,9-14.
- Junk, W.** (Publisher) and **Schenkling, S.** (Editor)
Coleopterorum Catalogus
164. Curculionidae: Brachyderinae III. M. & F. van Emden, 1939, pp. 197-327, 1-59.
165. Cantharidae. K. Delkeskamp, 1939, pp. 1-357.
166. Chrysomelidae: Halticinae I. F. Heikertinger & E. Csiki, 1939, pp. 1-336.
167. Curculionidae: Rhynchitinae II, Allocoryninae, Pterocolinae. E. Voss, 1939, pp. 57-130.
167. Curculionidae: Rhynchitinae II, Allocoryninae, Pterocolinae. E. Voss, 1939, pp. 57-130.
168. Curculionidae: Addenda. S. Schenkling auxilio G.A.K.Marshall, 1939, pp. 1-14.
169. Chrysomelidae: Halticinae II. F. Heikertinger & E. Csiki, 1940, pp. 337-635.
170. Index generalis. S. Schenkling, 1940, pp. 1-502.
- Kelsheimer, E. G.**
45. Notes on Great Elm Leaf Beetle <Fla.Ent.,28,no.2,25-27.
- Kempers, K. J. W.**
41. Larven van (Staphylinidae) <Tijdschr.Ent.,84,31-43.
- King, E. W.**
43. Dist.betw. *Cyllene robiniae* & *caryae* <Amer.Midl.Nat.,29,180-182.
- Kleine, R.**
21. Krit.Bemerk . . . *Trachelizus* <Deutsch.Ent.Zs.,1921,31-32.
- Knowlton, G. F.**
39. Utah Ins., 3. Coleoptera <Utah Ag.Exp.Sta.Mimeo.Ser.,200,
25 pp.
43. (Pp. 101-102, see Knowlton & Madlock)

* *Ctenicera crassa* Lec. according to M.C Lane (Jewett in litt.).

13. Pp. 783-785, see Knowlton & Wood
 15. Insects of Limonium < Bull.Br.Ent.Soc.,40,110.
 16. (Pp. 91-96, see Knowlton & Wood)
 16. Feeding notes . . . two . . . lizards < Herpetologica,3,143-144.
 16. (P. 384, see Knowlton & Harmston)
 16. (Pp. 382-383, see Knowlton, Maddock, & Wood)
- Knowlton, G. F. and Harmston, F. C.**
16. In . . . food of . . . bluebird < Jl.Econ.Ent.,39,384.
- Knowlton, G. F. and Maddock, D. R.**
13. In . . . food of w.e.t. meadowlark < Great Basin Nat.,4,101-102.
- Knowlton, G. F., Maddock, D. R., and Wood, S. L.**
16. In . . . food of . . . swift < Jl.Econ.Ent.,39,382-383.
- Knowlton, G. F. and Wood, S. L.**
13. . . . In . . . food of w. . . parrow < Amer.Midl.Nat.,30,783-785.
 15. Distr. note . . . Utah Coleop. < Utah Ac.Sci.,23,91-96.
- Knull, J. N.**
39. Four n. Ariz. Coleoptera < Ann.Ent.Soc.Amer.,32,27-31.
 40. Four n.spp. of west. Col. < Ann.Ent.Soc.Amer.,33,555-559.
 40. A n. Aemniocera from . . . s.w. < Ohio Jl.Sci.,40,36.
 40. Two new Buprestidae < Ohio Jl.Sci.,40,362-363.
 41. New spp. of Haplidus < Ann.Ent.Soc.Amer.,34,317.
 41. New Coleoptera < Ann.Ent.Soc.Amer.,34,691-695.
 41. Two n. Texas Buprestidae < Ent.News,52,98-100.
 41. New Texas Agrilus < Ent.News,52,283-284.
 41. Nine new Coleoptera < Ohio Jl.Sci.,41,381-388.
 42. Two new Buprestidae < Ann.Ent.Soc.Amer.,35,390-392.
 42. New Cerambycidae < Ent.News,53,224-227.
 43. Two new Chrysobothris < Ann.Ent.Soc.Amer.,36,34-36.
 43. A new Chrysobothris < Ohio Jl.Sci.,43,42.
 44. Notes on Agrilus . . . 2 n.spp. < Ann.Ent.Soc.Amer.,37,75-83.
 44. New Coleop. with notes < Ohio Jl.Sci.,44,90-93.
 45. A n.sp. Agrilus from Ky. < Ohio Jl.Sci.,45,80-81.
 46. A n.sp. of Dirhagus < Ann.Ent.Soc.Amer.,39,246-247.
 46. Two new Stenosphenus < Ent.News,57,253-255.
 46. Long-horned beetles of Ohio < Ohio Biol. Surv.Bull.39,133-354.
 46. N.sp. of Tillus from Ariz. < Ohio Jl.Sci.,46,72.
 46. N.sp. of Aplatus . . . Idaho < Ohio Jl.Sci.,46,142.
 47. Two new Elateridae < Ent.News,58,90-92.
 47. New Elateridae . . . notes Eucnemidae < Ent.News,58,177-181.
 47. New sp. Hippoclas < Ent.News,58,210-212.
 47. New N.Amer. Coleoptera < Ohio Jl.Sci.,47,69-73.
 47. New Buprestidae with notes < Ohio Jl.Sci.,47,174-176.
- Lanchester, H. P.**
39. Ext. anat. of larva of (Limoniis) < U.S.D.A.Tech.Bull.693, 40 pp.
 41. Larva of Limoniis consimilis < Ann.Ent.Soc.Amer.,34,367-376.
 47. Larval det. of six . . . Limoniis < Ann.Ent.Soc.Amer.,39,619-626.
- Lane, F.**
47. Tipos e . . . sinonimia . . . Canthonini, I. < Papeis Avulsos,7,171-179.
 47. Tipos y sinonimia de Canthonini, II. < Papeis Avulsos,8,109-121.
- Lane, M. C.**
41. 3 n. Elateridae from Pac.n.w. < Pan-Pac.Ent.,17,133-139.
 41. (Pp. 118-122, see Lane & Fisher)
- Lane, M. C. and Fisher, W. S.**
41. Notes on Schaeffer types < Bull.Br.Ent.Soc.,36,118-112.
- La Rivers, L.**
10. Note on Euchroma goliath < Jl.Ent.Zool.,32,103.
 12. A n. Trogloclerus from Nev. < Ann.Ent.Soc.Amer.,35,435-440.
 13. List of Eleodes of Nevada < Jl.Ent.Zool.,35,53-61.
 16. On the genus Trogloclerus < Ent.News,57,35-41.
 16. Food habits of Feronia ater < Pan-Pac.Ent.,22,102.
 46. A fortuitous beer trap < Pan-Pac.Ent.,22,117.
 46. New weevil . . . for Nevada < Pan-Pac.Ent.,22,132.
 16. List of Ciindellidae . . . in Nev. < Pan-Pac.Ent.,22,135-141.
 16. Annot.1st Canadinae . . . Nev. < Bull.S.Cal.Ac.Sci.,45,133-140.
 17. Histeridae . . . in Nevada < Great Basin Nat.,7,7-9.

47. Synopsis of . . . Elrotes
47. Synon. in Coniontellus <Ann.Ent.Soc.Amer.,40,318-328.
<Ent.News,58,213-214.
- Larson, N. P.**
43. . . blister beetle triungulins <Pr.S.Dak.Ac.Sci.,23,31-32.
- Latta, R.**
46. (Pp. 1-24, see Doucette & Latta)
- Leconte, J. L.**
61. Classif. of Col. Pt. I. <Smiths.Misc.Col.,3,1-208.
62. Classif. of Col. Pt.I, cont. <Smiths.Misc.Col.,3,209-278.
- Leech, H. B.**
39. Nearctic spp. of Agabus <Can.Ent.,71,217-221.
39. Three n.spp. of rove beetles <Can.Ent.,71,258-261.
40. Dineutus in California <Pan-Pac.Ent.,16,74.
40. New sp. Laccornis with key <Can.Ent.,72,122-128.
41. Note on spp. of Agabinus <Can.Ent.,73,53.
41. Species of Matus . . . <Can.Ent.,73,77-83.
41. Collecting Laccornis difformis <Can.Ent.,73,96.
41. Male of Hydroporus coelamboides <Can.Ent.,73,96.
41. Two n.spp. of Hydroporus <Pan-Pac.Ent.,17,129-132.
41. Generic name Thermonectus <Can.Ent.,73,197.
41. Dates of 2 articles by LeConte <Ent.News,52,290-291.
41. Rev. of Balfour-Browne <Ann.Ent.Soc.Amer.,34,808.
42. Mandibular shapes in . . . Thermonectus <Can.Ent.,74,56.
42. Dimorphism in wings Ag. bifarius <Ann.Ent.Soc.Amer.,35,76-80.
42. New . . . Nearctic . . . Agabus <Can.Ent.,74,125-136.
42. Key to nearct.gen. of Agabini <Ann.Ent.Soc.Amer.,35,355-362.
42. Syn. of Agabus dispositus <Can.Ent.,74,194.
42. Agabus ontarionis Fall. <Pr.Ent.Soc.B.C.,39,22.
42. Gyrinus pectoralis LeC. [in B.C.] <Pr.Ent.Soc.B.C.,39,35.
43. Tribolium madens in B.C. <Can.Ent.,75,40.
43. Berosus exilis LeC. a Hemiosus <Pan-Pac.Ent.,19,61-62.
43. Note on Thermonectus <Can.Ent.,75,145.
43. Rec. of beetles in B.C. <Pr.Ent.Soc.B.C.,40,26-27.
43. Tropisternus pardesi . . . Mex. <Rev.Soc.Mex.H.N.,4,17-20.
44. [Distrib. records of Col.] <Ann.Rep.For.Ins.Surv.,1943,62-68.
44. Flight of Atimia dorsalis <Pan-Pac.Ent.,20,30.
44. Laccophilus shermani, new sp. <Ent.News,55,4-6.
44. Phymatodes dimidiatus in timber <Can.Ent.,76,211.
44. Note on Dalopius tristis <Pr.Ent.Soc.B.C.,41,25.
44. . . Orestioides robusta in B.C. <Pr.Ent.Soc.B.C.,41,36.
45. . . Add. to Blackwelder's checklist <Ent.News,55,266-268.
45. Three spp. of Agabus . . . Montana <Pan-Pac.Ent.,21,16.
45. Charact. of Agabus vancouverensis <Can.Ent.,77,77-78.
45. Three n.spp. of Deronectes <Can.Ent.,77,105-110.
45. [Distrib. records of Col.] <Ann.Rpt.For.Ins.Surv.,1944,62-70.
45. Aphodius alternatus in B.C. <Pr.Ent.Soc.B.C.,42,2.
45. Eros thoracicus in B.C. <Pr.Ent.Soc.B.C.,42,2.
45. Holopleura marginata in B.C. <Pr.Ent.Soc.B.C.,42,18.
45. Limonius rufihumeralis in B.C. <Pr.Ent.Soc.B.C.,42,26.
45. Stenichnus ovipennis in B.C. <Pr.Ent.Soc.B.C.,42,28.
46. Pacific spp. of Tropisternus <Can.Ent.,77,1945(1946),179-184.
46. [Distrib. records of Col.] <Ann.Rpt.For.Ins.Surv.,1945,61-67.
46. . . finding . . . Deronectes spenceri <Can.Ent.,78,198-200.
47. Crow eating Serica beetles <Can.Ent.,79,4.
47. [Distrib. records of Col.] <Ann.Rpt.For.Ins.Surv.,1946,77-86.
- Lepesme, P.**
39. Note syn. sur les Dermestes <Bull.Soc.Ent.Fr.,44,190-193.
- Lesne, P.**
01. Rev. des . . . Bostrychides. Mem.IV. <Ann.Soc.Ent.Fr.,69,473-639.
13. Notes sur les Col. terediles <Bull.Mus.H.N.,19,271-275.
- Liljeblad, E.**
45. Mon. of Mordellidae of N. Amer. <Un.Mich.Mus.Zool.Misc.Pub.62,
229 pp.
- Linsley, E. G.**
39. Longicorn tribe Atimiini <Bull.S.Cal.Ac.Sci.,38,63-80.
40. Rev. N.A. Neeydalini <Ann.Ent.Soc.Amer.,33,269-281.

10. Generic rev. of . . . Methami
10. Notes . . . w. Amer. Ceramb. IV.
10. Reclassif. of tribe Obiumi
10. (Pp. 75-76, see Linsley & Ross)
10. Calif. spp. of Trigidion
11. Orig. & distr. of Ceramb. in N.A.
11. Add. obs. & desc. on Pleocomia
12. N. sp. of Callidium from Redwood
12. Ins. L. Cal. No. 2; Cerambycidae
12. Fossil Cerambycidae of N.A.
12. System. of Hornia & Allendesalazaria
13. . . . Some beetles from . . . Yosemite
13. Faunal boundaries in syst. ento.
13. (Pp. 75-79, see Linsley & Michener)
13. New spp. of Crossidius. . . w. N.A.
13. Spell. of scinames of . . . pests
13. Attr. of Melanophila by fire
13. Dates-time beetle in Calif. . .
14. (Pp. 589-604, see Linsley & MacSwain)
14. Larval longevity in Bupr. aurulenta
15. (Pp. 88, see Linsley & MacSwain)
15. Further notes on Pleocomia
16. (P. 18, see Linsley & MacSwain)
16. Prelim. key to Pleocomia
17. Distr. . . . biol. notes . . . Melanophila
17. (Pp. 162-166, see Barr & Linsley)
- Linsley, E. G. and MacSwain, J. W.**
11. Obs. on . . . Trichodes ornatus
45. Longevity of larvae of Hornia
46. Longevity of Clerid larvae
- Linsley, E. G. and Michener, C. D.**
43. Obs. on Col. from Mt. Lassen, Cal.
- Linsley, E. G. and Ross, E. S.**
40. Col. from S. Jacinto Mts., Cal.
- Loding, H. P.**
15. Cat. beetles of Alabama
- Luginbill, P. and Painter, H. R.**
11. A n.sp. of Phyllophaga
- Macnab, J. A. and McKey-Fender, D.**
15. Occ. of Trigonurus in . . . Oregon
- MacNay, C. G.**
15. Deleaster dichrous in N.A.
- MacSwain, J. W.**
13. Primary larva of Porcospasta
13. (Pp. 589-604, see Linsley & MacSwain)
15. Notes on Cymatodera ovipennis
15. (P. 88, see Linsley & MacSwain)
16. (P. 18, see Linsley & MacSwain)
- Maddock, D. R.**
13. (Pp. 101-102, see Knowlton & Maddock)
46. (Pp. 382-383, see Knowlton, Maddock, & Wood)
- Maehler, K. L.**
39. Notes on the Meloidae
- Malkin, B.**
11. Ceimela patruela on L. I.
11. N. loc. for Cantharis curtwrighti
11. Eur. buprestid in U.S.
11. Triachus vacuus Lee.
11. Add. to N.Y. list, No. 5.
11. Add. to N.J. list of Col.
11. Add. to Staten I. Coleop.
13. A rare tenebrionid
13. Toxotus spinosus in Utah
13. Cat. of Ore. Coccinellidae
13. Zuphium americanum in Ore.
- < Bull. S. Cal. A. Sci., 39, 28-38.
- < Ent. News, 51, 253-258, 285-290.
- < J. N. Y. Ent. Soc., 48, 367-377.
- < Pan-Pac. Ent., 16, 135-137.
- < Pr. 6 Pac. Sci. Cong., 1, 269-282.
- < Pan-Pac. Ent., 17, 145-152.
- < Pan-Pac. Ent., 18, 192.
- < Pr. Cal. A. Sci., 24, 21-96.
- < Pr. N. Eng. Zool. Club, 21, 17-42.
- < Un. Cal. Pub. Ent., 7, 169-188.
- < Bull. S. Cal. A. Sci., 41, 164-166.
- < Bull. Br. Ent. Soc., 38, 98-100.
- < Ent. News, 54, 147-149.
- < J. Econ. Ent., 36, 125-126.
- < J. Econ. Ent., 36, 341-342.
- < J. Econ. Ent., 36, 804-805.
- < Pan-Pac. Ent., 20, 53.
- < Pan-Pac. Ent., 21, 110-114.
- < Pan-Pac. Ent., 22, 61-65.
- < Pan-Pac. Ent., 23, 162-166.
- < Ann. Ent. Soc. Amer., 36, 589-601.
- < Pan-Pac. Ent., 21, 88.
- < Pan-Pac. Ent., 22, 18.
- < Pan-Pac. Ent., 19, 75-79.
- < Pan-Pac. Ent., 16, 75-76.
- < Geol. Surv. Ala., Mon. 14, 172 pp.
- < Ann. Ent. Soc. Amer., 34, 716-717.
- < Bull. Br. Ent. Soc., 10, 79-80.
- < Can. Ent., 77, 243.
- < Ann. Ent. Soc. Amer., 36, 360-364.
- < Pan-Pac. Ent., 21, 97-100.
- < J. N. Y. Ent. Soc., 19, 285-291.
- < Pr. Staten I. Inst. Arts Sci., 9, 91-96.
- < Bull. Br. Ent. Soc., 38, 23.
- < Bull. Br. Ent. Soc., 38, 127.
- < J. N. Y. Ent. Soc., 51, 191-198.
- < Pan-Pac. Ent., 19, 52.

43. N.rec. of Ore. Chrysomelidae <Pan-Pac.Ent.,19,74.
 43. Two n. Coccinellidae from Ore. <Pan-Pac.Ent.,19,109-111.
 44. N.spp. of Boletobius from N.-w. <Pan-Pac.Ent.,20,23-30.
 45. Suppl. to N.Y. list, no. 6. <Jl.N.Y.Ent.Soc.,53,91-116.
- Mank, E. W.**
 39. *Scotochroa* and n.g. *Scotochroides* <Can.Ent.,71,181-183.
 39. Review of *Serropalpus* <Can.Ent.,71,237-239.
 40. A n.sp. of *Haliphus* <Psyche,47,57-59.
 42. Review of *Anelpistus* <Can.Ent.,74,186-193.
- Mansfield, G. S.**
 44. (Pp. 115-117, see Tilden & Mansfield)
 47. Notes. . . *Hippomelas* . . . *Chrysobothris* <Pan-Pac.Ent.,23,40-42.
 47. . . . exten. of *Oeme gracilis* <Pan-Pac.Ent.,23,43.
 47. (Pp. 34, see Tilden & Mansfield)
- Marshall, G. A. K.**
 39. New tropical African *Cureul.* <Ann.Mag.Nat.Hist.,(11),3,561-583.
 44. Genera of tribe *Cyphicerini* <Ann.Mag.N.H.,(11),11,73-98.
- Marshall, M. Y.**
 44. New *Tanaops* from N. Mex. <Can.Ent.,76,164-166.
 45. Note on *Hyperaspidius* <Can.Ent.,77,177-178.
 46. Studies in the *Malachiidae* <Can.Ent.,78,183-195.
- Massey, C. L.**
 45. (Pp. 1-178, see Beal & Massey)
- Mathers, W. G.**
 40. *Anisandrus pyri* in B. C. <Can.Ent.,72,189-190.
- Matsumura, S.**
 35. [Desc. *Metademius tabacci* n.sp.] <Dainippon Gaichuzensho,2,234
- McCauley, R. H., Jr.**
 38. Revision of *Microrhopala* <Bull.Br.Ent.Soc.,33,145-169.
- McClay, A. T.**
 43. (Pp. 1-27, see Cazier & McClay)
- McGrath, R. M. and Hatch, M. H.**
 41. Col. of Wash. *Sphaeritidae*, *Histeridae* <Un.Wash.Pub.Biol.,10,47-91.
- McKey-Fender, D.** (Dorothy M. Fender)
 41. Notes on *Cantharis* <Pan-Pac.Ent.,17,126-129.
 44. Notes on *Cantharis*, II. <Pan-Pac.Ent.,20,20-22.
 45. (Pp. 79-80, see Macnab & McKey-Fender)
- Melshimer, F. E.**
 46. Desc. of n.spp. Col. of U.S. <Pr.Ac.N.S.Phila.,3,53-66. (Not 1847).
- Mequignon, A.**
 39. Obs. noms de genres. III. *Buprestis* <Bull.Soc.Ent.Fr.,44,48-50.
- Michelbacher, A. E.**
 39. (Pp. 166-169, see Michelbacher and Ross)
 40. . . . Class. Ins . . . (*Hypera*) <Pr.6 Pac.Sci.Cong.,4,403-405.
 43. . . . alfalfa weevil in Calif. <Cal.Ag.Exp.Sta.Bull.677, 24 pp.
 44. (P. 120, see Smith & Michelbacher)
 45. (P. 118, see Smith & Michelbacher)
- Michelbacher, A. E. and Ross, E. S.**
 39. Giant palm borer . . . L. Cal. <Cal.Dep.Ag.Bull.,28,166-169.
- Michener, C. D.**
 43. (Pp. 75-79, see Linsley & Michener)
- Miller, A.**
 41. (Pp. 39-40, see Sanderson & Miller)
- Milliron, H. E.**
 39. A n.sp. of *Perimegatoma* <Ann.Ent.Soc.Amer.,32,570-574.
- Minsk, G. and Hatch, M. H.**
 39. New sp. of *Amara* from Washington <Bull.Br.Ent.Soc.,34,215-218.
- Moennich, H.**
 39. List of *Coleoptera* . . . on fungi <Bull.Br.Ent.Soc.,34,155-157.
 41. Suppl.list of *Coleop.* on fungi <Bull.Br.Ent.Soc.,36,20-22.
 44. 1940 suppl. to *Coleop.* . . . on fungi <Bull.Br.Ent.Soc.,39,164-170.

- Montrouzier, P.**
60. Essai . . . ent . . . Nouv.Calédonie <Ann.Soc.Ent.Fr.,(3),8,229-308.
- Moorefield, H. H.**
39. Mammal nest beetles (Leptinidae) <Bull.N.H.Soc.Md.,10,12-14.
40. Some large beetles of Md. <Bull.N.H.Soc.Md.,10,55-63.
- Morrison, F. O.**
41. Imported carabid beetle <Can.Ent.,73,217-218.
- Mulsant, E.**
63. [See 1839; second edition]
- Murray, A.**
67. List of Col. . . Old Calabar, w.Africa <Ann.Mag.N.H.,(3),20,20-23.
67. List of Col. . . Old Calabar <Ann.Mag.N.H.,(3),20,311-323.
- Musgrave, P.**
40. A n.namer: Elmidae <Pr.Ent.Soc.Wash.,40,48.
- Navajas, E.**
47. Os genotipos da fam. Fulcidacidae <Papeis Avulsos,7,243-246.
- Numenmacher, F. W.**
40. Studies on the spp. of Onus <Pan-Pac.Ent.,16,143-144.
41. N.sp. of Zacotus <Pan-Pac.Ent.,20,12.
41. Stud. on Coccinellidae—No. 9. <Pan-Pac.Ent.,20,144-146.
46. Stud. on Coccinellidae, No. 10. <Pan-Pac.Ent.,20,72-73.
- Obenberger, J.**
39. Mastogenius amer.bor.sp.rev. <Cas.Cs.Spol.Ent.,36,78-80.
39. Über . . . Schizopini <Arb.morph.tax.Ent.,6,254-265.
39. Xenorhipis gr . . . N.A. <Vest.Cs.Zool.Spol.,6,7,330-339.
40. Chrysobothris formis novis <Sborn.ent.Praze,18,79-106.
42. . . . Anthaxia amer.bor.sp.novis <Cas.Cs.Spol.Ent.,39,127-129.
44. Amer.bor.gen.Melanophila <Sborn.ent.Praze,21,22,317-322.
- Ochs, G.**
35. . . . brasil.artenr . . . Gyrinus <Revista Ent.,5,124-132.
- d'Orchymont, A.**
36. Le genre Tropisternus III. <Bull.Ann.Soc.Ent.Belg.,76,311.
37. Changements de noms de genres <Bull.Ann.Soc.Ent.Belg.,77,423-432.
38. En marge de l' "opinion" II . . . <Bull.Ann.Soc.Ent.Belg.,78,37-47.
38. Contr. . . . Palpicornia XII. <Bull.Ann.Soc.Ent.Belg.,78,426-438.
41. Le genre Tropisternus V. <Bull.Mus.H.N.Belg.,17,(41),1-17.
- d'Orchymont, A. and Brown, W. J.**
40. Helophorus arcticus, a living fossil <Can.Ent.,72,1-4.
- Ouellet, C. J.**
02. Liste des Col . . . Quebec <Nat.Canad.,29,82-87,103-105,
120-124,139-141.
- Owen, W. and Jaques, H. E.**
43. List of Elateridae of Iowa <Pr.Iowa Ac.Sci.,50,341-344.
- Painter, H. R.**
41. (Pp. 716-717, see Luginbill & Painter)
- Palm, C. E.**
39. The Charles Schaeffer Collection <Bull.Br.Ent.Soc.,34,80.
- Pao Chu (see Chu, H.-F.)**
- Parker, F. H.**
47. New Paratyndaris from Ariz. <Bull.Br.Ent.Soc.,42,31-33.
- Parker, R. L.**
46. Add.distr. of Typoph.viridicyaneus <Jl.Kans.Ent.Soc.,19,11-12.
- Parsons, C. T.**
39. Key to n.world Amphicrossus <Bull.Br.Ent.Soc.,31,59-60.
43. Rev. nearctic Nitidulidae <Bull.M.C.Z.,92,121-278.
- Pascoc, F. P.**
80. New neotrop. Curculionidae, I. <Ann.Mag.N.H.,(5),5,419-428.
- Pate, V. S. L.**
46. Minute on Dichelonyx Harris, 1827. <Pan-Pac Ent.,22,68.

- Patterson, G. K. and Hatch, M. H.
15. List of Scolytoidea of Wash. <Un.Wash.Pub.Biol.,10,147-154.
- Paulian, R.
42. Larvae of Orphilinae (Dermest.) <Ann.Ent.Soc.Amer.,35,393-396
16. Position syst. du gen. Inoeplus <Bull.Soc.Ent.Fr.,51,91.
- Peterson, A.
39. Keys to orders of immat. ins. <Ann.Ent.Soc.Amer.,32,267-278.
- Pic, M.
02. Descriptions et notes <L'Echange, 17, 71-72.
03. Renseignements . . . Coleop . . . Cal. <Bull.Soc.Ent.Fr.,1903,339-340.
33. Col. exotiques . . . nouveaux <L'Echange,49,12.
- Pierce, W. D.
39. The dodder and its insects <Bull.S.Cal.Ac.Sci.,38,43-53.
40. Dune beetles . . . genus Exema <Bull.S.Cal.Ac.Sci.,39,6-27.
41. Studies . . . subfam. Cyladinae <Bull.S.Cal.Ac.Sci.,39,205-228.
41. Strepsipterous parasites . . . <Bull.S.Cal.Ac.Sci.,40,1-10.
42. Phylog.posit. of Strepsiptera <Bull.S.Cal.Ac.Sci.,40,121-125.
- Portevin, M. G.
20. Silphidae nouv . . . du Muséum <Bull.Mus.H.N.,1920,505-508.
- Potts, R. W. L.
43. Habits of Amblycheila cylindriformis <Pan-Pac.Ent.,19,85.
43. Hibernation of Scaphinotus <Pan-Pac.Ent.,19,92.
45. Key to spp. of Crematocheilini <Bull.Br.Ent.Soc.,40,72-78.
45. New Coenonycha from Calif. <Pan-Pac.Ent.,21,141-143.
- Powell, E. F.
41. Relationships in Chrysomelidae <Amer.Midl.Nat.,25,148-195.
- Pratt, R. Y.
40. Carabus taedatus Fabr. & ssp. <Pan-Pac.Ent.,16,95-96.
43. Enemies of Polyphylla crinita <Pan-Pac.Ent.,19,69-70.
- Procter, W.
46. Biol.Surv.Mt.Desert Reg.,VII. <Phila.,1946, 566 pp.
- Provancher, L.
72. Petite Faune Ent . . . Canada <Nat.Canad.,4,164-171,197-200,
236-240,261-264,292-299,327-331,
359-361.
73. Petite Faune Ent . . . Canada <Nat.Canad.,5,12-16,51-55,353-359.
391-395,467-469.
74. Petite Faune Ent . . . Canada <Nat.Canad.,6,48-55,72-77.
75. Doriphore a 10 lignes <Nat.Canad.,7,173-175.
- Pyle, R. W.
41. Triungulins of a rhipiphorid <Ent.News,52,74-79.
- Rapp, W. F., Jr.
46. Zoogeogr. distr. of Cicindelidae <Ent.Mo.Mag.,82,224-225.
- Rau, P.
44. Notes on Staphylinus maculosus <Ent.News, 55,15.
44. Lecontella cancellata in wasp cells <Ent.News,55,197.
- Ray, E.
39. Taxon.study of neotrop. Mordellidae <Pr.U.S.Nat.Mus.,87,271-314.
44. New mordellid beetles . . . <Zool.Ser.Field Mus.N.H.,29,117-133.
46. Stud. on N.A. Mordellidae, II. <Pan-Pac.Ent.,22,41-50.
46. Stud. on N.A. Mordellidae, III. <Pan-Pac.Ent.,22,90-99.
46. Stud. on N.A. Mordellidae, IV. <Pan-Pac.Ent.,22,121-132.
47. Stud. on N.A. Mordellidae, V. <Pan-Pac.Ent.,23,121-131.
- Redlinger, L.
46. (Pp. 293-298, see Jaques & Redlinger)
- Rees, B.E.
41. 1st instar . . . Buprestis & Schizopus <Pr.Ent.Soc.Wash.,43,210-222.
43. Classif. of Dermestidae (larvae) <U.S.D.A.Misc.Pub.511, 18 pp.
17. Taxon. of larvae of Dermestes <Pr.Ent.Soc.Wash.,49,1-14.
17. Taxon . . . larvae . . . Nothini <Pan-Pac.Ent.,23,113-119.

- Reinhard, H. J.**
 39. New . . . Phyllophaga from Texas < Jl. Kans. Ent. Soc., 12, 47-63.
 40. Notes on Texas Phyllophaga < Jl. Kans. Ent. Soc., 13, 4-5.
 46. A n. Phyllophaga from Texas < Jl. Kans. Ent. Soc., 19, 69-70.
- Reupel, J. G. and Shevkenek, W.**
 44. Notes on morph . . . of Smicronyx utilis < Can. Ent., 73, 100-104.
- Rex, E. G.**
 44. Asiatic beetles in N. J. < N. J. Dep. Ag. Circ. 348, 18 pp.
 44. Intro. on Japanese beetle < N. J. Dep. Ag. Circ. 349, 34 pp.
- Riegel, G. T.**
 44. . . . Cyclocephala spp. at Urbana < Tr. Ill. St. Ac. Sci., 34, 234-235.
 42. Cyclocephala abrupta in Ill. < Tr. Ill. St. Ac. Sci., 35, 215.
- Rings, R. W.**
 42. Ext. anat. of Sandalus niger < Ann. Ent. Soc. Amer., 35, 411-425.
- Ritcher, P. O.**
 43. Anomalini of e.N.A. . . larvae < Ky. Ag. Exp. Sta. Bull. 442, 27 pp.
 44. Dynastinae of N. America < Ky. Ag. Exp. Sta. Bull. 467, 56 pp.
 45. Rutelinae of e.N.A. . . larvae < Ky. Ag. Exp. Sta. Bull. 471, 19 pp.
 45. Note on Phyllophaga barda < Pr. Ent. Soc. Wash., 47, 97-99.
 45. N.A. Cetoniinae . . . larvae < Ky. Ag. Exp. Sta. Bull. 476, 39 pp.
 45. Coprinae of e.N.A. . . larvae < Ky. Ag. Exp. Sta. Bull. 477, 23 pp.
 47. Desc. larva Pleocomma hirticollis < Pan-Pac. Ent., 23, 11-20.
 47. Larvae of Geotrupinae < Ky. Ag. Exp. Sta. Bull. 506, 27 pp.
- Robert, A.**
 44. Philonthes . . . du Quebec < Ann. l'ACFAS, 10, 100.
 46. . . . Tachinus dans . . . Quebec < Nat. Canad., 73, 57-88.
 47. Dermestidé n. pour . . . Quebec < Nat. Canad., 74, 189-194.
- Robinson, M.**
 39. New sp. of Aphodius from N. J. < Ent. News, 50, 24.
 40. Studies in Scarabaeidae, II. < Tr. Amer. Ent. Soc., 66, 141-159.
 40. (Pp. 72-73, see Robinson & Cadbury)
 41. Studies in Scarabaeidae of N.A. < Tr. Amer. Ent. Soc., 67, 127-136.
 41. New Trox from Texas < Ent. News, 52, 134-135.
 41. Notes on rare Scarabaeidae . . . < Ent. News, 52, 227-232.
 46. Studies in Scarabaeidae, III. < Tr. Amer. Ent. Soc., 72, 49-59.
 47. Two n.spp. Scarabaeidae < Tr. Amer. Ent. Soc., 73, 169-171.
 47. Notes on a few Scarabaeidae < Ent. News, 58, 149-151.
 47. Canthon with abnormal tibia < Ent. News, 58, 259.
 48. Review of Phanaeus < Tr. Amer. Ent. Soc., 73, 299-305.
- Robinson, M. and Cadbury, J. W.**
 40. Megasona elephas in Penna. < Ent. News, 51, 72-73.
- Ross, E. S.**
 39. N. subg. of N.A. Saprinus < Pan-Pac. Ent., 15, 39-43.
 39. (Pp. 166-169, see Michelbacher & Ross)
 40. N. Histeridae from burrows < Ann. Ent. Soc. Amer., 33, 1-9.
 40. Prelim. rev. N.A. Dendrophilus < Bull. Br. Ent. Soc., 35, 103-108.
 40. (Pp. 75-76, see Linsley & Ross)
 41. Arthropods in burrows of pocket-gopher < Ent. News, 55, 57-61.
 41. Hister. from burrows of pocket-gopher < Ent. News, 55, 115-118.
- Rotger, B.**
 44. N.spp. of Ciindela & n. records < Pan-Pac. Ent., 20, 76-77.
- Roy, E.**
 402. Onthophagus nuchicornis, L. < Nat. Canad., 29, 81-82.
 403. Onthophagus nuchicornis, L. < Nat. Canad., 30, 129-132.
- Saisbury, M. B.**
 443. Morph. & tax. of larv. Criocerinae < Bull. Br. Ent. Soc., 38, 59-74, 128-139.
- St. George, R. A.**
 424. Larva of Tarsostenus univittatus < Jl. Agr. Res., 29, 49-51.
 39. Larva of Perimylops < Pr. Ent. Soc. Wash., 41, 207-214.
 40. . . . larva of Boros schneideri < Pr. Ent. Soc. Wash., 42, 68-73.
- Sanderson, M. W.**
 39. Note on Ptomaphagus . . . in caves < Jl. Kans. Ent. Soc., 12, 117.
 39. A n. cave Adolops . . . < Jl. Kans. Ent. Soc., 12, 121-122.

39. Fam. Brathinidae new to Ark. <Jl.Kans.Ent.Soc.,12,127.
 40. Two n.sp. of Batrisodes from S.C. <Ent.News,51,169-172.
 40. Arkansas Cyclocephalini <Ann.Ent.Soc.Amer.,33,377-384.
 41. (Pp. 39-40, see Sanderson & Miller)
 42. Descr. & rec. . . . of Phyllophaga <Jl.Kans.Ent.Soc.,15,49-55.
 43. New subf. of Staph. . . . Pulicomorphinae <Jl.Kans.Ent.Soc.,16,134-142.
 44. Distr. . . . of Ark. Phyllophaga <Jl.Kans.Ent.Soc.,17,14-21.
 45. New N.A. . . . Lithocharis <Pr.Ent.Soc.Wash.,47,94-97.
 46. Nearctic Stenus (croceatus group) <Ann.Ent.Soc.Amer.,39,425-430.
 46. N. gen. nearctic Staph. <Jl.Kans.Ent.Soc.,19,130-133.
 47. N.Amer. . . . Stilicolina <Jl.Kans.Ent.Soc.,20,27-30.
- Sanderson, M. W. and Miller, A.**
 41. N.sp. . . . Rhadine from Ark. cave <Pr.Ark.Ac.Sci.,1,39-40.
- Satterthwait, A. F.**
 42. Weevils affecting chufa <Ent.News,53,11-16,37-43.
 43. New sp. Calendra from Ore. <Ent.News,54,52-53.
- Sawada, H.**
 37. Genus Serica of Japan <Nippon no Kô-hû,1,8-36.
- Saylor, L. W.**
 39. Notes and desc. of U.S. scarabs <Jl.Wash.Ac.Sci.,29,452-459.
 39. 7 new scarabs from Calif. <Pr.Ent.Soc.Wash.,41,54-62.
 39. 2 new Calif. Phyllophaga <Pr.Ent.Soc.Wash.,41,88-91.
 40. Note on Serica pruinpennis <Jl.Ent.Zool.,32,30.
 40. 10 new W.J. Phyllophaga <Jl.Wash.Ac.Sci.,30,305-314.
 40. Rev. of . . . Cotalpa & Paracotalpa <Pr.Ent.Soc.Wash.,42,190-200.
 40. Rev. of . . . Listrochelus <Pr.U.S.Nat.Mus.,89,59-130.
 40. Syn. cadaverinus-gr. of Aphodius <Pr.Biol.Soc.Wash.,53,99-104.
 41. A new U.S. Listrochelus <Pr.Ent.Soc.Wash.,43,145-146.
 42. Notes & n.g. of Phyllophaga <Pr.U.S.Nat.Mus.,92,157-165.
 43. Rev. rorulenta-gr. of Phyllophaga <Pr.Biol.Soc.Wash.,56,129-142.
 45. Syn. rev. of . . . Dynastinae, 1. <Jl.Wash.Ac.Sci.,35,378-386.
 46. Rev. of . . . Dichelonyx <Bull.Br.Ent.Soc.,40,137-158.
 46. Syn. rev. of . . . Dynastinae, 2. <Jl.Wash.Ac.Sci.,36,16-21.
 46. Syn. rev. of . . . Dynastinae, 3. <Jl.Wash.Ac.Sci.,36,41-46.
- Schedl, K. E.**
 39. Einteil. & geogr. Verbr. Platypodidae <Verh.7 Int.Cong.Ent.,1,377-410.
 40. Einteil. & syn. der Cryphalinae <Mitt.Münch.E.Ges.,30,583-591.
- Schmidt, A.**
 21. Beitrag zur . . . Canthon . . . etc. <Arch.Naturg.,86,A9,114-147.
- Schönherr, C.**
 23. In Sahlberg, Periculi Ent. . . . <Lipsiae,1826, 338 pp.
 26. Curcul.disp.meth. . . .
- Schoof, H. F.**
 42. Conotrachelus in no. cent.U.S. <Ill.Biol.Mon.,19,(3),1-170.
- Schwitzgebel, R. B. and Wilbur, D. A.**
 42. Colassoc. w. ironweed . . . Kans. <Jl.Kans.Ent.Soc.,15,37-44.
- Seevers, C. H.**
 41. Tax.invest.termit.Staphylinidae <Ann.Ent.Soc.Amer.,34,318-349.
 43. (Pp. 546-586, see Seevers & Dybas)
 45. N.g. & spp. of Trichopseniinae <Pan-Pac.Ent.,21,63-72.
- Seevers, C. H. and Dybas, H. S.**
 43. Synopsis of Limulodidae <Ann.Ent.Soc.Amer.,36,546-586.
- Sheppard, R. W.**
 35. Col. . . . Jap beetle traps . . . Ont. <65.Ann.Rpt.Ent.Soc.Ont.,93-97.
 36. Ins. . . . from Niagara's . . . searchlights <66.Ann.Rpt.Ent.Soc.Ont.,69-75.
 43. Jap beetle on Niagara frontier <73.Ann.Rpt.Ent.Soc.Ont.,20-24.
 46. Galerucella xanthomelaena in Ont. <Can.Ent.,78,22.
- Shull, A. F.**
 46. . . . spotless phase of Hippodamia <Ann Ent.Soc.Amer.,39,190-192.
- Siepmann, C. G.**
 39. Hister purpurascens . . . N.A. <Bull.Br.Ent.Soc.,34,10.
 39. Hist.puncticollis - H.osculatus <Bull.Br.Ent.Soc.,34,74.

- Smith, G. S.**
 15. *Agrilus vittaticollis* . . . B.C. <Pr.Ent.Soc.B.C.,42,14.
 15. *Calosoma lugubre* in Que. <Pr.Ent.Soc.B.C.,42,23.
 15. Collecting *Neodyctus proyoanus* <Pr.Ent.Soc.B.C.,42,28.
- Smith, R. F. and Michelbacher, A. E.**
 11. Clover leaf weevil in Calif. <Pan-Pac.Ent.,20,120.
 15. Abund. of *Hypera punctata*, 1945 <Pan-Pac.Ent.,21,118.
- Soraci, F. A.**
 10. Distr. in N.J. of *Corigetetus castaneus* <Jl.N.Y.Ent.Soc.,48,318.
 11. Hibern. of *Corigetetus castaneus* <Jl.N.Y.Ent.Soc.,49,138.
 17. . . . *Pseudoneorhinus setosus* . . . <Jl.N.Y.Ent.Soc.,55,274.
- Spector, W.**
 13. Collecting *Trox* with feather bait traps <Ent.News,54,224-229.
- Spencer, G. J.**
 12. Ins. . . in bldgs. in B.C. <Pr.Ent.Soc.B.C.,39,23-29.
 15. . . . *Calendra aequalis* on rush . . . <Pr.Ent.Soc.B.C.,42,23.
- Stage, H. H. and Yates, W. W.**
 39. Gr. beetles pred. on eggs of *Aedes* <Pr.Ent.Soc.Wash.,41,204-206.
- Staig, R. A.**
 10. Fabr. types . . . at Glasgow, H. <Cambridge, 164 pp.
- Stebbing, E. P.**
 11. Indian for. ins. of econ. imp. <London, 1914.
- Stehr, W. C.**
 16. New spp. of *Scymnus* <Ann.Ent.Soc.Amer.,39,80-81.
 16. *Tachyura barnesi* n.sp. <Ohio Jl.Sci.,46,284.
- Struble, G. R. and Carpelan, L. H.**
 11. Sex.char. . . pred.of mt. pine beetle <Pan-Pac.Ent.,17,153-156.
- Suffrian, E.**
 70. Verz . . . Cuba . . . Rüsselkafer <Arch.Naturg.,36,1,150-234.
- Székcassy, A.**
 41. Gatt. *Haemonia* . . . aus Amerika <Mitt.Münch.E. Ges.,31,148-154.
- Tanner, V. M.**
 39. Stud. in weevils of w.U.S. III. <Great Basin Nat.,1,31-32.
 10. Dr. Henry Clinton Fall (1862-1939) <Great Basin Nat.,1,62.
 40. Mex. bean beetle in Utah <Great Basin Nat.,1,91.
 10. Biotic study of . . . (part of) Utah <Great Basin Nat.,1,97-126.
 11. Stud. in weevils of w.U.S. IV. <Great Basin Nat.,2,29-32.
 11. Willis Stanley Blatchley <Great Basin Nat.,2,33.
 41. Coll. rec. for Utah <Great Basin Nat.,2,36.
 41. A new *Elaphrus* <Great Basin Nat.,2,137-138.
 12. Stud. in weevils of w.U.S. V. <Great Basin Nat.,3,23-26.
 13. Study of subtr. *Hydronom* <Great Basin Nat.,4,1-38.
 13. . . . *Epilachna* . . . damage in Utah <Great Basin Nat.,4,61.
 15. A n.sp. of *Aracoschizus* <Great Basin Nat.,6,125-126.
 16. Frank Ellsworth Blaisdell, Sr. <Great Basin Nat.,7,17.
- Thatcher, T. O.**
 10. New genus of *Scolytidae* . . . Utah, Nev. <Pr.Utah Ac.Sci.,17,89-93.
- Thomas, C. A.**
 39. Animals assoc. with fungi <Jl.N.Y.Ent.Soc.,47,11-37.
 41. *Elateridae* of Penna. <Jl.N.Y.Ent.Soc.,49,233-263.
- Thunberg, C. P.**
 81. Nov. Ins. spec., 1. 1781.
- Tilden, J. W.**
 11. (Pp. 115-117, see Tilden & Mansfield)
 45. Notes on Redwood *Cerambycids* <Pan-Pac.Ent.,21,30-31.
 46. *Schizopus* in Monterey, Cal. <Pan-Pac.Ent.,22,60.
 47. (P. 34, see Tilden & Mansfield)
- Tilden, J. W. and Mansfield, G. S.**
 11. Note on 3 spp. of *Coenonychia* <Pan-Pac.Ent.,20,115-117.
 17. Add. loc. *Anheus terrestris* <Pan-Pac.Ent.,23,34.

- Timberlake, P. H.**
 39. Two n.spp. of *Acmæodera* <Pan-Pac.Ent.,15,179-182.
 39. A new *Hippodamia* from Mt.Rainier <Pr.Haw.Ent.Soc.,10,265-266.
 43. *Coccinell.* of Koebele colln.I. <Haw.Plant.Rec.,47,1,1-67.
- Ting, P. C.**
 39. A n.sp. of *Eupagoderes* . . . <Bull.S.Cal.Ac.Sci.,38,81-83.
 39. Notes on some Calif. weevils <Pan-Pac.Ent.,15,122.
 40. *Cimbochera* & related genera <Bull.S.Cal.Ac.Sci.,39,128-157.
- Tissot, A. N.**
 43. Mex. bean beetle in Florida <Florida Ent.,26,1-8.
- Tottenham, C. E.**
 39. Nomencl. . . . *Staphylinidae*=1. <Pr.Ent.Soc.Lond.,B,8,224-226.
 39. Nomencl. . . . *Staphylinidae*=2. <Pr.Ent.Soc.Lond.,B,8,227-237.
 40. Nomencl. . . . *Staphylinidae*. 3. <Pr.Ent.Soc.Lond.,B,9,49-53.
 41. Note on *Philonthus nequignoni* <Ent.Mo.Mag.,77,58-59.
 45. Notes on nomencl. of *Staphyl.* <Pr.Ent.Soc.Lond.,B,14,70-71.
- Upton, R. G.**
 44. Bark beetles of pines . . . <Pr.Tr.Tex.Ac.Sci.,28,100-102.
- Valentine, B. D.**
 47. *Cicindelid* coll. in Texas <Coleop.Bull.,1,61-62.
- Van Dyke, E. C.**
 27. The secondary sexual char . . . <Pr.Pacif.Cst.Ent.Soc.,2,75-84
 (not 1926)
 39. *Conoderus* new to Calif. <Pan-Pac.Ent.,15,11.
 39. New west Amer. *Coleop.* <Pan-Pac.Ent.,15,15-20.
 40. Orig. & distr. of *Col.* . . . of N.A. <Pr.6.Pac.Sci.Cong.,4,255-268.
 42. *Ins.L.Cal.* 3: *Buprestidae* <Pr.Cal.Ac.Sci.,(4),24,97-132.
 42. (Pp. 1-3, see Blaisdell & Van Dyke)
 43. N.spp. . . . N.A. *Carabidae* <Pan-Pac.Ent.,19,17-30.
 43. N.sp. of w.Amer. *Coleop.* <Pan-Pac.Ent.,19,41-52.
 43. Add.n.spp. of w.Amer. *Col.* <Pan-Pac.Ent.,19,101-108.
 44. Rev. . . *Stenocantharis* & *Neocyclus* <Ent.Amer.,24,1-19.
 44. Rev. of N.A. . . . *Carabus* <Ent.Amer.,24,87-137.
 44. N.spp. of N.A. *Ostomidae* <Pan-Pac.Ent.,20,147-153.
 45. Two *Col.* estab. in S. Cal. <Pan-Pac.Ent.,21,10.
 45. N.spp. of N.A. *Coleop.* <Pan-Pac.Ent.,21,101-109.
 45. *Staphylinid* new to Calif. <Pan-Pac.Ent.,21,140.
 46. N.sp. of N.A. *Coleop.* <Pan-Pac.Ent.,22,81-89.
 47. Eur. weevil . . . S.F.Bay region <Pan-Pac.Ent.,23,96.
 47. New spp. *Coleoptera* . . . <Pan-Pac.Ent.,23,155-161.
- van Emden, F. I.** (see Emden, F. I. van)
- Venables, E. P.**
 43. *Tychius picrostris* in B.C. <Can.Ent.,75,118.
- von Blocker, J. C.**
 40. 5 new melolonthoid beetles <Bull.S.Cal.Ac.Sci.,38,148-152.
 40. . . . list *Scarab.* of Channel Is. <Bull.S.Cal.Ac.Sci.,38,152-156.
- Voris, R.**
 39. Immature . . . *Quedius* <Ent.News,50,151-155,188-190.
 39. Immature . . . *Ontholestes*, *Staphylinus* <Ann.Ent.Soc.Amer.,32,288-303.
 40. Relat. *Staphylinidae* . . . larval <Pr.Mo.Ac.Sci.,5,115-116.
- Wallace, P. P. and Beard, R.**
 42. Larvae of elm bark *coleop.* <Can.Ent.,74,86-87.
- Wallis, J. B.**
 39. *Hydaticus modestus* vs. *stagnalis* <Can.Ent.,71,126-128.
 39. Genus *Graphoderus* in N. Amer. <Can.Ent.,71,128-130.
 39. Genus *Ilybius* in N.Amer. <Can.Ent.,71,192-199.
- Watson, J. R.**
 42. Spread of Mex. bean beetle <Florida Ent.,25,25.
 44. Tropical . . . (*Anobiidae*) . . . in Fla. <Florida Ent.,26,61-63.
- Wehrle, L. P.**
 40. . . . *Hypera brunneipennis* in Ariz. <Jl.Econ.Ent.,33,119-121

- Weiss, H. B.**
 10. Death-feint of *Sitophilus* <Jl.N.Y.Ent.Soc.,48,37-46.
 10. Death-feint of *Trox unistriatus* <Jl.N.Y.Ent.Soc.,48,303-304.
 11. . . . death-feint of *Bruchus obsoletus* <Jl.N.Y.Ent.Soc.,52,262.
 11. Death-feints of *Alobates* <Jl.N.Y.Ent.Soc.,52,281-283.
 17. Death-feints of *Bibobates* <Jl.N.Y.Ent.Soc.,55,275-279.
- Wenzel, R. L.**
 39. New N.A. . . . Histeridae <Ann.Ent.Soc.Amer.,32,384-394.
 10. A genus of Histerid new to U.S. <Jl.Wash.Ac.Soc.,30,516-519.
 11. Classif. of Histerid beetles <Field Mus.Zool.Ser.,28,2,151 pp.
- Werner, F. G.**
 13. Rev. of *Pleuropompha* <Psyche,50,30-33.
 13. Three n.spp. of *Cebrio* <Psyche,50,34-36.
 11. New N.A. spp. of *Epicauta* <Psyche,50,65-73.
 15. Rev. . . . *Epicauta* . . . N.A. <Bull.M.C.Z.,95,421-517.
- Whelan, D. B.**
 39. . . . beetles taken at Neb. light trap <Jl.Kans.Ent.Soc.,12,118-120.
- White, B. E.**
 39. A new *Anisostena* from Calif. <Bull.Br.Ent.Soc.,34,55-56.
 39. A new sp. of *Aemacodera* <Pan-Pac.Ent.,15,69-75.
 41. New *Nodonota* with key <Bull.Br.Ent.Soc.,36,162-164.
 41. New sp. of *Bruchus* <Pan-Pac.Ent.,17,189-190.
 42. A n.sp. of *Luperodes* <Bull.Br.Ent.Soc.,37,31-34.
 42. N.g. *Chrysomelidae* . . . s.w.U.S. <Ent.News,53,16-21.
 42. Notes on Johnson's *Chrysomelid* paper <Ent.News,53,83.
 41. New *Scelolyperus* and key <Ent.News,55,177-180.
 47. New sp. of *Taphrocerus* <Ent.News,58,181-181.
- Williams, J. L.**
 15. Anat. of int. genit Coleop. <Pr.Ent.Soc.Wash.,47,73-91.
- Williams, R. W.**
 41. Bionomics of *Ataxia hubbardi* <Ent.News,52,271-273.
- Winters, F. E.**
 41. *Sphaeridini* inhab. boreal Amer. <Bull.Br.Ent.Soc.,39,94-95.
- Wolcott, A. B.**
 43. Notes on N.A. *Orthopleura* <Pan-Pac.Ent.,19,134-138.
 41. *Allonyx* *Lecointe*, a homonym <Bull.Br.Ent.Soc.,39,47.
 41. Amer. spp. of *Trichodes* <Pan-Pac.Ent.,20,54-60.
 41. Gen.rev. of *Phyllobaeninae* <Jl.N.Y.Ent.Soc.,52,121-152.
 47. Cat. of *Cleridae* <Fieldiana: Zool.,32,2,61-105.
- Wood, S. L.**
 13. (Pp. 783-785, see Knowlton & Wood)
 15. (Pp. 91-96, see Knowlton & Wood)
 16. (Pp. 382-383, see Knowlton, Maddock, & Wood)
- Wray, D. L. and Brimley, C. S.**
 43. Ins. in pitcher plants in N.C. <Ann.Ent.Soc.Amer.,36,128-137.
- Wright, J. F.**
 39. A new *Loxandrus* <Bull.Br.Ent.Soc.,34,257-258.
- Wright, J. F. and Whitehouse, J.**
 41. Add. to list of *Cinennati* Col. <Bull.Br.Ent.Soc.,36,69-73.
- Young, F. N., Jr.**
 39. (Pp. 53-63, see Young and Goff)
 10. New water beetle from Fla. <Ent.News,51,198-199.
 10. Desc. of n. *Dytiscid* from Fla. <Florida Ent.,23,30.
 41. *Bidessus rogersi*, new, from Fla. <Florida Ent.,24,29-31.
 41. A correction (*Bidessus falli*) <Florida Ent.,24,31.
 17. New sp. *Gyretes* <Florida Ent.,30,13-33.
- Young, F. N. and Goff, C. C.**
 39. Arthropods in burrows of tortoise <Florida Ent.,22,53-63.
- Zimmerman, E. C.**
 40. *Dryotribus* and *Macranelys* not Amer. <Pan-Pac.Ent.,16,141-142.
- Zimmermann, A.**
 31. Monog. palaarkt. *Dytisciden*, V. <Kol.Rundschau,20,138-214.

FOURTH SUPPLEMENT TO
CATALOGUE OF NORTH AMERICAN COLEOPTERA
DESCRIBED AS FOSSILS

The few fossil beetles described as new in the years 1939 to 1947 inclusive are listed below, along with a few new localities. Four new abbreviations are used.

La Brea-Pleist.	Rancho La Brea, Los Angeles, Calif.
Kern-Pleist.	McKittrich, Kern Co., Calif.
Kern-Mioc.	Bakersfield, Kern Co., Calif.
Cuyama-Mioc.	San Luis Obispo Co., Calif.

CARABIDAE

Calosoma semilaeve Lec.	La Brea-Pleist. ^{1 2}
Bembidion everestae Pierce 44-11 OCHTHEDROMUS Lec. davidae Pierce 44-7	Kern-Mioc. Cuyama-Mioc.
Pterostichus sp.	La Brea-Pleist. ^{1 2 3}
Amara insignis Dej.	La Brea-Pleist. ^{1 2}
Platynus funebis Lec.	La Brea-Pleist. ^{1 2}

DYTISCIDAE

Dytiscus marginicollis Lec.	La Brea-Pleist. ^{1 2}
Cybister explanatus Lec.	Kern-Pleist. ^{2 3}
Hydrous triangularis (Say)	Kern-Pleist. ^{2 3}

HYDROPHILIDAE

Hydrophilus sp.	Kern-Pleist. ^{2 3}
---------------------------	-----------------------------

TENEBRIONIDAE

Nyctoporus Esch. 31-11 (<i>Nyctoporus</i> Pierce 44-2) carinata Lec.	La Brea-Pleist. ^{2 3}
Eulabis ?laticornis Csy.	La Brea-Pleist. ^{2 3}
Eleodes omissa Lec. grandicollis Mannh. elongata Grinn. ^{2 4} distans Blaisd.	La Brea-Pleist. ^{2 3} La Brea-Pleist. ^{1 2 3 4} La Brea-Pleist. ^{2 4}

¹ Essig-31 (after Grinnell-08).

² Pierce-44.

³ Essig-31.

⁴ Essig-31 (after Blaisdell-09).

<i>acuticauda</i> Lec.	La Brea-Pleist. ^{1 2 3}
<i>laticollis</i> Lec.	La Brea-Pleist. ^{1 2 3}
<i>consobrina</i> Lec.	La Brea-Pleist. ^{1 2}
<i>parvicollis</i> Esch.	La Brea-Pleist. ^{1 2 4}
<i>behri</i> Grimm. ^{2 4}	
<i>intermedia</i> Grimm. ^{2 4}	
<i>intemedica</i> Essig. ^{31 5}	
sp.	La Brea-Pleist. ³
Coniontis	
<i>robusta</i> Horn	La Brea-Pleist. ^{1 2}
<i>abdominalis</i> Lec.	La Brea-Pleist. ^{1 2}
<i>puncticollis</i> Lec.	La Brea-Pleist. ^{1 2}
<i>elliptica</i> Csy.	La Brea-Pleist. ^{1 2}
sp.	La Brea-Pleist. ³
Cratidus	
<i>osculans</i> Lec.	La Brea-Pleist. ^{2 3}

SCARABAEIDAE

Canthon	
<i>simplex</i> Lec.	
<i>santiquus</i> Pierce 47-120	La Brea-Pleist.
<i>praticolus</i> Lec.	
<i>s.vetustus</i> Pierce 47-122	La Brea-Pleist.
Palaeocopris Pierce 47-130	
<i>labreae</i> Pierce 47-130	La Brea-Pleist.
Onthophagus	
<i>everestae</i> Pierce 47-131	La Brea-Pleist.
Serica	
<i>kanakoffi</i> Pierce 47-132	La Brea-Pleist.

CERAMBYCIDAE

Protospondylis Linsley 42-19	
<i>florissantensis</i> (Wickh.) 20-359 ⁵	
<i>tertiarius</i> (Wickh.) 17-469 ⁵	
Anelaphus	
<i>extinctum</i> (Wickh.) 14-463 ⁶	
Anoplodera	
<i>JUDOLIA</i> Muls.	
<i>antecurrens</i> (Wickh.) 13-295 ⁷	
Pidonia	
<i>ledyi</i> (Wickh.) 13-364 ⁷	
<i>ingenua</i> (Wickh.) 14-467 ⁷	
Grammoptera	
<i>nanella</i> (Wickh.) 14-466 ⁷	
Leptura	
<i>wickhami</i> Linsley 42-23	Flor. Mioc.
Semanotus	
<i>puncticollis</i> (Wickh.) 14-261 ⁸	
Phymatodes	
<i>grandaevus</i> (Wickh.) 17-469 ⁹	

¹ Essig-31 (after Grinnell '08).² Pierce-44.³ Essig-31.⁴ Essig-31 (after Blaisdell '09).⁵ Transferred from Spondylis, Linsley-42.⁶ Transferred from Elaphidion, Linsley-42.⁷ Transferred from Leptura, Linsley-42.⁸ Generic name changed, Linsley-42.⁹ Transferred from Callidium, Linsley-42.

- Cyllene**
florissantensis (Wickh.) 14-464 ¹⁰
- Arhopalus**
(*Criocephalus* Muls. 39-63) ⁸
pavitus (Ckll.)
- Psapharoechrus** Thoms. 65-544
(*Psapharochus* Linsley 42-37)
lengii (Wickh.) 14-265 ¹¹

⁸ Generic name changed, Linsley-42.
¹⁰ Transferred from Clytus, Linsley-42.
¹¹ Transferred from Acanthoderes, Linsley-42.

BIBLIOGRAPHY

Essig, E. O.
31. History of Entomology <New York, 1931, 1029 pp.

Linsley, E. G.
42. Fossil Cerambycidae of N.A. <Proc.N.Eng.Zool.Club,21,17-42.

Pierce, W. D.
44. Fossil arthropods of Calif. <Bull.S.Cal.Ac.Sci.,43,1-18.
47. Dung beetles of the tar pits <Bull.S.Cal.Ac.Sci.,45,119-131.
47. Desc . . . sericine . . . from tar pits <Bull.S.Cal.Ac.Sci.,45,131-132.

INDEX

- Ababa, 11
 Abdaetus, 9
Abraecinae, 11
Abraecini, 11
 Abraeus, 11
 Abutilonens, 45
 Acalymma, 13
 Acampius, 48
 Acantharthrus, 48
 Acanthoderes, 77
 Acanthogethes, 25
 Acanthoscelides, 11
 Acanthoscelidius, 18
 Acentrinops, 17
 Achryson, 38
 Acmacodera, 19, 20
 Acmacoderoides, 20
 Acmacopsilla, 39
 Acolpus, 23
 Acopius, 48
 Acritini, 11
 Acritus, 11
 Aerodon, 3
 Actenodes, 22
 Actobius, 10
 Acupalpus, 3
 Adelocera, 19
 Adelops, 8
 Adoxus, 12
 Aeletes, 11
Agabini, 4
 Agabus, 4
 Agaeocera, 20
 Agaporus, 4
Agonini, 3
 Agonolia, 15
 Agonum, 3
 Agrilus, 22
 Algarobius, 15
 Allaeonemus, 30
 Allonyx, 13
 Althaeus, 15
 Altica, 44
 Amara, 3, 75
 Amartus, 24
Amblycerinae, 44
 Amblycerus, 44
 Amblycheila, 1
 Amisammus, 8
 Amisammus, 8
 Amphelasma, 43
 Amphicerus, 30
 Amphicrossus, 24
 Amphidora, 29
 Amphotis, 24
 Amydroginus, 46
 Anaeomus, 39
 Anaferona, 2
 Anagrylus, 36
 Ananola, 31
Anaspini, 16
 Anaspis, 17
 Anastroctegus, 35
 Anatus, 28
 Anaeus, 9
 Anchodemus, 47
 Anecognatha, 34
 Ancylochira, 21
 Andrector, 43
 Anelomorpha, 38
 Anelaphus, 38, 76
 Anelpistus, 29
 Anepsyra, 38
 Anisandrus, 50
 Anisocalvia, 28
 Anisocera, 23
 Anisostena, 44
 Anisostica, 27
 Anisostieta, 27
Anobiidae, 29
 Anocomis, 39
 Anomacocera, 23
 Anomala, 34
Anomalini, 34
 Anomola, 34
 Anophis, 21
 Anophum, 38
 Anoplocephalus, 34
 Anoplocurius, 38
 Anoplodora, 39, 76
 Anoplognathus, 36
 Anotylus, 8
 Anthaxia, 22
Anthicidae, 18
 Anthobates, 16
 Anthobatula, 16
 Anthobium, 8
 Anthocomus, 13
 Anthonaeus, 24
 Anthonomus, 47
 Anthophylax, 39
Anthreninae, 23
Anthrenini, 23
 Anthrenus, 23
Anthribidae, 45
 Anthribus, 45
 Apator, 4
 Apelma, 42
 Aphanotus, 29
 Aphodius, 30
 Aphomides, 36
 Aphonus, 36
 Aphrastus, 46
 Aplastus, 19
 Apocellus, 8
 Apoderus, 45
 Apotomoderes, 46
 Apotomoderus, 16
 Apsectus, 23
 Apteralipilus, 3
 Apterospasta, 17
 Araeoschizus, 28
 Archicarabus, 1
 Archophileurus, 36
 Areus, 9
 Argoporus, 28
 Arhopalus, 40, 77
 Arrhenodes, 45
 Arthrochlamys, 42
 Asbolus, 28
 Asclera, 15
Ascinae, 37

- Aspidolea, 35
 Astenus, 9
 Ataenius, 31
 Atanygnathus, 10
 Ateuchus, 30
 Atholus, 11, 12
 Atunia, 37
Atimiini, 37
Attageninae, 23
 Attagenus, 23
 Attalus, 13
 Attelabus, 45
 Aulacotrachelus, 9
 Aulicus, 14
 Aztecalius, 35
 Bacanius, 11
 Bagous, 47
 Barypeithes, 46
 Barypithes, 46
 Batrisodes, 10
 Bembidion, 2, 75
 Berginus, 25
 Berosus, 5
 Beyeria, 10
 Bidessonotus, 3
 Bidessus, 3
 Bisnius, 9
 Blapstinus, 29
 Blapyllis, 28
 Blethisa, 2
 Blitophaga, 7
 Bolboceras, 31
 Bolbocerosoma, 31
 Bolitobius, 10
 Boopinus, 8
 Boreades, 23
Bostrichidae, 30
Bostrichini, 30
 Bostrichoclerus, 13
 Bostrichus, 30
 Brachyacantha, 27
 Brachycoryna, 44
 Brachylampis, 12
 Brachyleptus, 24
 Brachymorphus, 15
 Brachypeplus, 24
 Brachypterolus, 24
 Brachypterus, 23
 Branchus, 29
 Brennus, 1
Brentidae, 45
Bruchidae, 44
 Bruchidius, 45
Bruchinae, 44
 Bruchus, 44
 Brychius, 3
Buprestidae, 19
Buprestini, 20
 Buprestis, 21
 Byturrellus, 23
Byturinae, 23
 Byturus, 23
 Caccoporus, 8
 Cacoplia, 41
 Calandra, 48
 Calendra, 48
 Callidiellum, 39
 Callidium, 39, 76
 Calligrapha, 42
 Callimellum, 38
 Callimoxys, 38
 Callinus, 38
 Calisthenes, 2
 Calloides, 39
 Callosobruchus, 44
 Callotillus, 13
 Calodermis, 9
 Calomyetorus, 46
 Calosoma, 2, 75
 Campta, 24
 Camptodes, 24
Cantharidae, 12
 Canthon, 30, 76
 Canthydrus, 3
Carabidae, 1, 75
 Carabus, 1
 Carcinops, 11
 Carpalinus, 8
 Carpelinus, 8
 Carphobius, 49
Carpophilinae, 24
 Carpophilus, 24
 Caryobruchus, 44
 Cateretes, 23
Cateretinae, 23
 Causima, 17
 Cebrio, 18
Cebrionidae, 18, 19
 Centrioptera, 28
 Centrodera, 38
Cephaloplectrinidae, 10
Cerambycidae, 37, 76
 Ceratomagilla, 27
 Ceratomegilla, 27
 Cercidistes, 45
 Cercometes, 23
 Cercopeus, 46
 Cereus, 23
 Cereyon, 5
 Cerophorus, 24
 Cerotoma, 43
 Ceutorhynchus, 48
 Chaetarthria, 5
 Chaetechus, 46
 Chaetocnema, 44
 Chalepus, 34
 Charesa, 15
 Chasolium, 9
 Chauliognathus, 12
 Cheiroplatys, 35
 Chirida, 44
 Chlaenobia, 33
 Chloëcharis, 9
 Chlonixanthus, 36
 Choeridium, 30
 Chrysobothris, 22
 Chrysolina, 42
Chrysomelidae, 42
 Cicindela, 1
Cicindelidae, 1
 Cimboecera, 46
 Cinyra, 21
 Ciocotalpa, 34
 Circomus, 29
Clavigeridae, 10
 Cleis, 28
Cleridae, 13
Clerinae, 14
 Cleroides, 14
 Cleronomus, 14

- Clerus, 14
 Cletus, 77
Coccinellidae, 25
 Coccotrypa, 19
 Coelambus, 3
 Coelus, 29
 Coenonychia, 31
 Colaspidea, 42
 Colaspis, 12
 Coleomegilla, 27
 Coleomethia, 38
 Collabismodes, 15, 18
 Collapteryx, 10
 Colopterus, 24
 Colyphus, 14
 Conaha, 16
 Conibus, 29
 Comontellus, 29
 Comontides, 29
 Comontis, 29, 76
 Compinus, 29
 Conoderes, 19
 Conoderus, 19
 Cononotus, 18
 Conosoma, 10
 Conosomus, 10
 Conotelus, 24
 Conotrachelus, 48
 Conurus, 10
 Copelatus, 4
 Copris, 30
 Coprophilus, 8
 Coproporus, 10
 Corigetus, 45
 Corimaha, 47
 Corinthiscus, 15
 Corticotomus, 23
 Cortodera, 38
 Coscincephalus, 34
 Coscinoptera, 12
 Cosmobaris, 47
Cossoninae, 48
 Cotalpa, 34
 Cotinis, 36
 Cratidius, 76
 Cregya, 15
Cremastochelini, 36
 Cremastochelus, 36
 Crenitis, 5
 Criocephalum, 40
 Criocephalus, 40, 77
 Crossidius, 40
 Cryobius, 2
 Cryptarchia, 25
Cryptarchinae, 25
 Cryptobella, 9
 Cryptobium, 9
 Cryptocleptes, 49
 Cryptoglossa, 28
 Cryptohypmus, 19
 Cryptolepidus, 46
 Cryptorhopalum, 23
 Ctenicera, 19
Cucujidae, 25
Circulionidae, 45
 Cybaster, 75
 Cycharmus, 21
 Cyelinus, 5
 Cyclocephala, 35
Cyclocephalini, 31
 Cydoneda, 27
 Cyclotrachelus, 2
 Cylinder, 13
 Cyliandrocopturus, 48
 Cyllene, 39, 77
 Cyllodes, 24
 Cymatodera, 13
 Cynaetus, 29
 Cyphorrhynchus, 18
 Cyphostethus, 5
 Cyphus, 16
 Cypraeis, 21
 Cyrtopistomus, 45
 Daenochilus, 9
 Dadopora, 24
 Dalopius, 19
Dascillidae, 22
 Dearthrus, 23
 Deloyala, 44
 Dendrobaas, 40
 Dendrobella, 30
 Dendroides, 18
Dendrophilinae, 11
 Dendrophilus, 11
 Denticollis, 19
 Derestenus, 14
 Dermestes, 23
Dermestidae, 23
Dermestinae, 23
 Dermestoides, 15
Derodontidae, 25
 Deronectes, 3
 Diabrotica, 43
 Diachus, 42
 Dialytes, 31
 Diacera, 20
 Dichelonyx, 33
 Dichromina, 35
 Dichidia, 16
 Dineutes, 4
Dineutini, 4
 Dimentus, 4
 Dinoderus, 30
 Dirozocera, 17
 Diplotaxis, 32
 Dirhagus, 19
 Disonychia, 44
 Distigmoptera, 43
 Doreaschema, 41
Doreaschematini, 41
 Dorytomus, 47
 Dryocoetes, 50
 Dryotrilus, 48
Dynastinae, 34, 35
 Dyschirius, 2
 Dysometus, 34
 Dysphaga, 38
 Dystaxia, 20
 Destaxiella, 20
Dytiscidae, 3, 75
 Dytiscus, 4, 75
 Eburia, 38
 Echocerus, 29
 Ectioxenus, 10
 Ecyrus, 41
 Edesius, 48
 Edrotes, 28
 Elaphidion, 76
 Elaphrus, 2
 Elasmocerus, 13

- Elateridae**, 19
Elaterinae, 19
 Eleodes, 28, 75
Eleusii, 9
 Eleusis, 9
 Ellipotoma, 14
Elmidae, 22
 Elmis, 22
 Elytroleptus, 40
 Emopotylus, 8
 Enallonyx, 13
Enhydrinae, 4
 Enochrus, 5
 Enoclerus, 14
Enopliinae, 15
 Entomoscelis, 42
 Epaulaeus, 29
 Epaulocus, 29
 Ephealus, 29
 Epicauta, 17
 Epierus, 11
 Epimetopus, 5
Epiphloeinae, 14
 Epitrix, 44
 Eplophorus, 40
 Epomotylus, 8
 Epuraea, 24
 Epuraeanella, 24
Eremninae, 45
 Eremosaprinus, 11
 Erichsonius, 9
 Ericydeus, 46
 Eriglenus, 4
 Eriopsis, 27
 Eriopsis, 27
 Erolestus, 15
 Estola, 41
 Estoloides, 41
 Euastenus, 9
 Eucamptodes, 24
 Eucanthus, 31
 Eudasytes, 13
 Euetheola, 36
 Eugastra, 32
 Eulabis, 75
 Eulgyrus, 36
 Eumalus, 9
Eumichthini, 38
 Eumichthus, 38
 Eumichtus, 38
 Eumolops, 2
 Eupagoderes, 45
 Eupsalis, 45
 Europhilus, 3
 Eurostus, 29
 Euryplatus, 8
 Eurypogon, 22
 Euryptera, 39
 Eusattus, 29
 Euschides, 28
 Eusphalerum, 8
 Euthysanius, 19
 Eutrichopleurus, 13
 Euvrilleta, 30
 Euvrilletta, 30
 Euxenodes, 48
 Euxenus, 45, 48
 Evander, 40
 Evarthrus, 2
 Exema, 42
 Exopioides, 30
 Exops, 30
 Faustinus, 48
 Ferestria, 3
 Feronia, 2
 Feronina, 2
 Fornax, 19
 Fustiger, 10
 Galeruca, 43
 Galerucella, 43
 Galerucerus, 15
 Gastroeidea, 43
 Gastroidea, 43
 Gastrophysa, 43
 Gata, 9
 Gaurodytes, 4
 Gelus, 47
 Genuchinus, 36
 Geocolus, 11
 Geomysaprinus, 11
 Geotrupes, 31
 Gibbobruchus, 44
 Glaphyra, 38
 Glipa, 15
 Glipodes, 16
 Glischrochilus, 25
 Glycaria, 48
 Glycobius, 39
 Glyptina, 44
 Glyptobaris, 47
 Glyptoscelimorpha, 20
 Gnaphalodes, 38
 Gnathospasta, 17
 Goërius, 10
 Goes, 41
 Gonops, 45
 Grammoptera, 76
 Grammostethus, 11
 Graphoderus, 4
 Graphognathus, 46
 Gryllus, 36
 Grypidius, 47
 Grypus, 47
 Gymnodus, 37
 Gymnopsyra, 40
 Gymnopyge, 34
 Gymnota, 21
 Gyretes, 5
Gyrinidae, 4
Gyrininae, 5
 Gyrinulus, 5
 Gyrinus, 5
 Haemonia, 42
 Halacritus, 11
Halictophagidae, 17
Haliplidae, 3
 Haliplus, 3
 Haloxenus, 48
 Haplidus, 37
 Haptoncus, 24
 Hebestola, 41
 Helionianes, 38
 Helodes, 23
Helodidae, 23
 Helophorus, 5
 Helops, 29
 Hemicarabus, 2
 Hemimedon, 9
 Hemiosus, 5
 Hemisphaerota, 44

- Hemistenus, 9
 Henous, 17
 Hesperobaenus, 25
 Hesperorhipis, 20
Hetaerinae, 12
Hetaeriomorphini, 12
 Heterarthron, 30
 Heteroderes, 19
 Hetoemis, 41
 Hippodamia, 27
 Hippomelas, 20
 Hippuriphila, 44
 Hister, 10
Histeridae, 10, 11
Histerinae, 11
Histerini, 11
 Holciophorus, 2
 Hololepta, 10, 11
Hololeptini, 11
 Homogaster, 48
 Homophron, 3
 Hoplia, 34
 Hornia, 18
 Hospitopterus, 23
 Hybodera, 38
Hyboderini, 38
 Hydaticus, 4
 Hydnocera, 13
 Hydraena, 5
 Hydrochus, 5
Hydronomi, 47
Hydrophilidae, 5, 75
 Hydrophilus, 5, 75
 Hydroporus, 3, 4
 Hydrous, 75
 Hygrotus, 3
 Hylastes, 49
 Hylis, 19
Hylotiinae, 47
 Hylotus, 49
 Hylurgus, 49
 Hylus, 19
 Hypera, 47
 Hyperaspidius, 27
 Hyperaspis, 25, 27
 Hypnoidus, 19
 Hypocaccus, 11
 Hypocoelus, 19
 Hypocryphalus, 49
 Hypolampus, 43
 Hypolithus, 19
 Hypomedon, 9
 Hyporhagus, 19
 Hypostenus, 9
 Hypotelus, 8
 Ichne, 14
 Idiolimulodes, 10
 Idomea, 37
 Igotus, 23
 Ilybiosoma, 4
 Ilybius, 4
 Ino, 8
Inopepli, 8
 Inopeplus, 8, 25
 Ips, 50
 Ischaha, 18
 Isochoemera, 40
 Isohydnocera, 13
 Isomalus, 9
 Isopentra, 17
 Isorhipis, 19
 Isotrilophus, 16
 Judoha, 76
 Juniperella, 21
 Kateretes, 23
 Kolbeus, 31
 Korynetes, 15
Korynetinae, 15
Kytorhininae, 45
 Kytorhinus, 45
 Laccophilus, 3
 Laccornis, 4
 Lachnopus, 46
 Lacon, 19
 Lampropterus, 38
Lampyridae, 12
 Laphyra, 38
 Laricobius, 25
 Larisia, 17
 Lariversius, 29
 Lebasella, 15
 Lechriops, 47
 Lecontella, 13
 Leiopus, 41
 Leipophorus, 8
 Lema, 42
 Lena, 9
 Leonia, 18
 Leonidia, 18
 Leperisinus, 49
 Lepidopus, 46
 Leptacmaeops, 38
 Leptinotarsa, 42
Leptopinae, 45
 Leptostylus, 41
 Leptura, 39, 76
Lepturini, 38
 Lepturoides, 19
 Lichenophanes, 30
 Lichnocarabus, 2
 Ligyrellus, 36
 Ligyrodes, 36
 Ligyrus, 36
 Liliocerus, 42
 Limulodes, 10
Limulodidae, 10
Limulodinae, 10
 Limonius, 19
 Liophloeus, 47
Lispini, 8
Lispinini, 8
 Lispinus, 8
 Lissomelas, 36
 Lissonotus, 40
 Listrochelus, 32
 Listronotus, 47
 Listrus, 13
 Lithelodes, 28
 Lithocharis, 9
 Lobiopa, 24
 Lobostoma, 24
 Loceptes, 48
 Lochmaecoles, 41
 Loedeia, 15
 Longitarsus, 44
 Loxandrus, 3
Lucanidae, 37
 Ludius, 19
 Luperodes, 43
 Luperus, 43

- Lytta, 18
 Macrancylus, 48
 Macrobasis, 17, 18
 Macrolea, 42
 Macropodina, 36
 Macrotelus, 13
 Malachius, 13
 Malthodes, 13
 Malthophia, 37
 Malthopia, 37
 Margarinotus, 11
 Mastogenius, 22
 Matus, 4
 Medonella, 9
 Megacerus, 44
 Megacheuma, 39
 Megacyllene, 39
 Megalops, 9
 Megalopsidia, 9
 Megalopsidiella, 9
 Meganopium, 38
 Megascelis, 42
 Megasternum, 5
Megatomini, 23
 Megobrium, 38
 Meibomeus, 44
 Melaneleodes, 28
 Melanophila, 22
 Melanotus, 19
Melasidae, 19
 Meligethes, 25
Meligethinae, 25
Meloidae, 17
Melyridae, 13
 Merobruchus, 44
 Mesostenus, 9
 Metademius, 13
 Methia, 38
Methiini, 38
 Metopoloba, 28
 Metoponium, 28
 Mezium, 29
Micracinae, 49
 Micraeis, 49
 Micracisella, 49
 Microgoes, 41
 Microlipus, 13
 Micromedon, 9
 Micronychus, 46
 Microrhagus, 19
 Microrhopala, 44
 Microrhopalus, 44
 Microtheca, 42
 Micruria, 24
 Merurula, 24
 Miloderoides, 46
 Mimosestes, 45
 Minyomerus, 46
Molorchini, 38
 Molorchus, 38
 Molosoma, 9
 Moneilema, 40
 Monilema, 40
Monocharmini, 40
 Monocharmus, 40, 41
 Monohammus, 40
 Monophylla, 13
Monotomidae, 25
 Monoxia, 43
 Mordella, 15
Mordellidae, 15
 Mordellistena, 16
 Mulsantina, 28
 Mutinus, 9
Mycetophagidae, 25
 Mycetophagus, 25
Mylabridae, 44
Mylabrinae, 44
 Mylabris, 44
 Myllocerus, 45, 46
 Naemia, 27
 Nanophyes, 47
 Nanularia, 20
 Nassipa, 17
 Naueles, 17
 Naupactus, 46
 Neanthribius, 45
 Neanthribus, 45
 Nebria, 2
 Nebriola, 2
 Necrobia, 15
 Necrobioides, 15
 Necrocharis, 6
 Necropter, 5
Necydalini, 39
 Necydalis, 39
 Neichnea, 14
 Neltumius, 45
 Nemozoma, 23
 Neobactus, 9
 Neobisnius, 10
 Neoclytus, 40
 Neocychrus, 1
 Neogastrallus, 30
 Neohaemonia, 42
 Neolumulodes, 10
 Neonebria, 2
 Neoptychodes, 40, 41
 Neoscraptia, 29
 Neoscutopterus, 4
 Neotrochus, 9
 Neotylotus, 47
 Nestus, 9
Nicrophorini, 5, 6
 Nicrophorus, 5, 6
 Nitidula, 24
Nitidulidae, 23
Nitidulinae, 24
 Nitidulopsis, 24
 Nodonota, 42
 Nomaspis, 17
 Nothopleurus, 37
 Notoxus, 18
 Novelsis, 23
 Nyctoporis, 75
 Nytoporus, 75
 Oberea, 41
Obrini, 38
 Obrium, 38
 Ocalleomorpha, 8
 Ochraesthes, 40
 Ochraethes, 39
 Ochrestes, 40
 Ochresthes, 40
 Ochroesthes, 39
 Ochrosida, 35
 Ochthebius, 5
 Ochthedromus, 75
 Ochthephilum, 9
 Ochthephilum, 9

- Oeypus, 10
 Odontaeus, 31
 Odonteus, 31
 Odontopus, 47
 Odotes, 28
Oedemeridae, 15
 Oeceoptoma, 7
 Oligopterus, 9
Omalinae, 8
 Omisphora, 24
 Omophron, 3
Omophronidae, 3
 Omorgus, 31
 Onosita, 24
 Onus, 1
 Oncideres, 41
Onciderini, 41
 Onthophagus, 30, 76
 Onthophilus, 11
 Oochila, 28
 Opetiopalpus, 15
 Opetiopselaphus, 15
 Ophistomis, 39
 Ophryastes, 46
Ophryastini, 45
 Orectis, 44
Orectocheilinae, 5
 Oreodytes, 3
 Orcogyrinus, 5
 Orestioides, 44
 Orizabus, 35
 Ormisceus, 45
 Orthopeplus, 24
 Orthopleura, 15
 Orthosoma, 37
 Orthostibia, 28
Oryetini, 35
 Osmoderma, 37
Osoriinae, 8
Osoriini, 9
 Osorius, 9
Ostomidae, 23
 Oxoplus, 40
 Oxyenemus, 24
 Oxygryllus, 36
 Oxygryllus, 36
 Oxyomus, 31
Oxytelinae, 8
 Oxytelus, 8
 Pachybrachys, 42
 Pachybruchus, 44
Pachymerinae, 44
 Pachyphanes, 47
 Pachyschelus, 22
 Pachystethus, 34
 Paecilobrium, 38
Pacderinae, 9
 Pagiocerus, 18
 Palaeocopris, 76
 Palechus, 35
 Pallodes, 24
 Palorus, 29
 Pandeleteus, 46
 Paracembocera, 46
 Paracotalpa, 34
 Paracritus, 11
Paralispini, 9
 Paralispinus, 9
 Parahister, 10, 11
 Parastenus, 9
 Paratrachelizus, 45
 Paratyndaris, 20
 Parevander, 40
 Parorectis, 44
 Pelonides, 15
 Pelonium, 15
 Peltophorus, 47
 Pentaria, 16
 Perigracilia, 38
 Perilypus, 13
 Perimegatoma, 23
 Perostylus, 9
 Perthalyera, 24
 Pendothysantes, 49
 Phaedon, 42
 Phaenonotum, 5
 Phanaeus, 30
 Phenolia, 24
Phileurini, 36
 Phileurus, 36
 Philyra, 15
Phloeocharinae, 8
 Phloeophagus, 48
 Phloeopterus, 14
 Phloeosinus, 49
 Philogistosternus, 14
 Phobetor, 33
Phyllobaeninae, 13, 14
 Phyllobaenus, 13, 14
 Phyllobius, 47
 Phyllophaga, 32
 Phyllotreta, 44
 Phymatodes, 39, 76
 Phymatodis, 39
 Phytalus, 33
 Phytodecta, 43
 Phyxelis, 45
 Pidonia, 76
 Piezocorynus, 15
Piestinae, 8
 Piestus, 8
 Piezocorynus, 45
 Pilema, 38
 Pimachus, 28
 Pimelia, 28
 Pityophagus, 25
 Placopterus, 14
 Placosternus, 39
Plastocerinae, 19
 Plastocerus, 19
Platycerini, 37
 Platyceroides, 37
 Platyceropsis, 37
 Platycernus, 37
 Platyderides, 31
 Platyderus, 31
 Platynus, 75
Platypodidae, 48
 Platypus, 48
 Platysma, 2
 Platysoma, 11
 Platystethus, 8
 Platysthetus, 8
Platystomidae, 45
 Plectrodera, 41
Plegaderini, 11
 Plegaderus, 11
 Pleocomma, 31
 Pleurophorus, 31
 Pleuropompha, 18

- Plionoma, 40
- Ploeopterus, 14
- Pnigodes, 47
- Pocadius, 24
- Pocalta, 34
- Podabrus, 12
- Poecilobrium, 38
- Poecilochroa, 14
- Polemius, 12
- Poliaenus, 41
- Polycaon, 30
- Polycaonini**, 30
- Polyphylla, 33
- Porphyraspis, 44
- Prasocuris, 42
- Prateus, 29
- Priocera, 14
- Prionodera, 14
- Prionomerus, 47
- Prionostichaeus, 14
- Pristoternus, 5
- Prometopia, 24
- Prothalia, 29
- Protospondylis, 76
- Psammobius, 31
- Psammodius, 31
- Psapharochrus, 77
- Psapharochrus, 77
- Psebiini**, 40
- Pselactus, 48
- Pselaphidae**, 10
- Pseudanchus, 3
- Pseudanthribus, 45
- Pseudaphonus, 35
- Pseudeleusis, 8
- Pseudeurostus, 29
- Pseudino, 8
- Pseudister, 11
- Pseudocamptodes, 24
- Pseudoclerus, 14
- Pseudocotomus, 23
- Pseudocneorhinus, 45
- Pseudocoryphalus, 48
- Pseudohylesinus, 49
- Pseudohispinodes, 8
- Pseudomorpha, 3
- Pseudopilema, 38
- Pseudothysanoes, 49
- Pseudothysantes, 49
- Pseudotriaena, 3
- Psilocnemis, 36
- Psiloscelis, 11
- Psoa, 30
- Psylliodes, 44
- Pterostichus, 2, 75
- Pterosticus, 2
- Ptinidae**, 29
- Ptinus, 29
- Ptomaphagus, 8
- Pulicomorpha, 10
- Pulicomorphinae**, 10
- Pulion, 23
- Punctagonum, 3
- Pyctoceraerus, 8
- Pyrochroidae**, 18
- Pythidae**, 18
- Pyticara, 15
- Quadrifrons, 24
- Raymondionyminae**, 47
- Renia, 11
- Reninus, 11
- Renocis, 48
- Rhabdopterus, 42
- Rhacostoma, 24
- Rhadine, 3
- Rhigopsis, 46
- Rhinoneus, 48
- Rhinoplatia, 15
- Rhipidius, 17
- Rhipiphoridae**, 17
- Rhipiphorus, 17
- Rhizobius, 27
- Rhombonalia, 34
- Rhopalopachys, 40
- Rhopalophora, 40
- Rhopalophorella, 40
- Rhyncolus, 48
- Rimulincola, 8
- Ripidius, 17
- Ripiphorus, 17
- Rugilus, 9
- Sapotes, 45
- Saprininae**, 11
- Saprinomorphae**, 11
- Saprinus, 11
- Sarosesthes, 39
- Saxinis, 42
- Scaphinotus, 1
- Scarabaeidae**, 30, 76
- Scatophilus, 35
- Scelolyperus, 43
- Schizomicrus, 47
- Schizopini**, 20
- Schizopus, 20
- Scolytidae**, 48
- Scotochroa, 29
- Scotochroides, 29
- Scotodes, 29
- Scutopterus, 4
- Scymnus, 27
- Semanotus, 39, 76
- Sennius, 45
- Serica, 31, 76
- Series, 31
- Serraticollini**, 43
- Serraticollis, 43
- Serriger, 14
- Serropalpidae**, 29
- Serropalpus, 29
- Siagonium, 8
- Silaria, 17
- Silis, 13
- Silpha, 7, 8
- Silphidae**, 5
- Silphini**, 7
- Sitophilus, 48
- Smicronychini**, 47
- Smicronyx, 47
- Smodicum, 37
- Soronia, 24
- Sparteus, 45
- Spermophagus, 45
- Sphaenothecus, 40
- Sphaeridiolinus, 5
- Sphaeridium, 5
- Sphaerites, 10
- Sphaeritidae**, 10
- Sphalera, 15
- Sphenophorus, 48
- Sphingoecephalus, 17

- Spilodiscus, 10
 Spilosota, 35
 Spondylus, 76
 Staphlinus, 10
Staphylinidae, 8, 25
Staphylininae, 9
 Staphylinus, 10
 Stator, 45
 Stelidota, 24
 Stenelmis, 22
Steninae, 9
 Stenister, 11
 Stenocantharis, 1
 Stenoclyptus, 49
 Stenodontes, 37
 Stenomorphia, 28
 Stenomorphus, 3
Stenopterini, 38
 Stenosidotus, 9
 Stenosphenus, 40
 Stenus, 9
 Sternechus, 47
 Sterosa, 21
 Stibia, 28
 Stilbogastrius, 8
 Stilicolina, 9
 Stilicosoma, 9
 Stilicus, 9
 Stomis, 2
 Strangalia, 39
 Strategodes, 35
 Strategopsis, 35
 Strategus, 35
Strepsiptera, 17
 Stronglus, 24
 Strongylus, 24
 Stylantheus, 44
Stylopidae, 17
Stylopodinae, 9
 Stylopodus, 9
 Styloxus, 37
 Styloxys, 8
 Sunius, 9
 Synertha, 47
 Syneta, 42
 Systemocerus, 37
 Systemus, 37
 Tachinus, 10
 Tachyderes, 49
Tachyporinae, 10
 Tachyura, 2
 Taenosoma, 8
 Tanaocarabus, 2
 Tanaops, 13
 Taneroclerus, 13
 Tanyeraerus, 8
 Tanygnathinus, 10
 Tanygnathus, 10
 Taphrocerus, 22
 Tarandocerus, 15
 Taranomus, 40
 Tarsostenus, 15
 Telaponium, 28
Tenebrionidae, 28, 75
 Terapus, 11
Teretriini, 11
 Teretriosoma, 11
 Teretrius, 11
 Teropalpus, 8
 Tesnus, 9
 Tessaropa, 38
 Tessaroptes, 38
 Tetraonyx, 18
 Tetraprioecera, 30
 Thalattodora, 48
 Thalyera, 24
 Thanasimus, 14
 Thanateroclerus, 13
 Thanatophilus, 7, 8
 Thaneclerus, 13
Thaneroclerinae, 13
 Thaneroclerus, 13
 Tharsus, 29
 Thaumaglossa, 23
 Theano, 13, 14
 Thelydrias, 23
 Thermonectes, 4
 Thermonectus, 4
 Thermonetus, 4
Thoracophori, 8
 Thoracophorus, 8
 Thyce, 33
 Thylodrias, 23
Thylodriinae, 23
 Thysanoes, 49
Tillinae, 13
 Tillus, 13
Timarchini, 42
 Tipnus, 29
 Titanocarabus, 1
 Tomarus, 36
 Tomicus, 49
 Tomoxia, 15
 Tonibius, 29
 Tosastes, 46
 Tostegoptera, 32
 Toxotropis, 45
 Toxotus, 38
 Trachelizus, 45
 Trachysectus, 9
 Tragidion, 40
 Trechus, 2
Tribalinae, 11
 Tribolium, 29
 Trichochroides, 13
 Trichochrous, 13
 Trichodes, 14
Trichopseniinae, 10
 Trichopsenius, 10
 Triga, 8
 Trigites, 8
 Trigonodenus, 8
 Trigonurus, 8
 Trumytis, 28
Trinodinae, 23
 Tridoclytus, 40
 Tridonyx, 32
 Triorophus, 28
 Triphalopsis, 28
 Triphalus, 28
 Troginus, 8
 Trogloderus, 28
 Trogoderma, 23
 Trogolinus, 8
 Trogophloeus, 8
 Tropisternus, 5
 Trox, 31
 Tychus, 47
 Tyleus, 39
 Tylonotus, 38

- Tylopterus, 47
Urophorus, 24
Uroplata, 44
Utobium, 29
Vesperoctenus, 39
Virbius, 23
Volroxis, 24
Vriletta, 30
Vriletta, 30
Wolcottella, 14
Wolcottia, 13
Xenidae, 17
Xenistusa, 10
Xenocharis, 9
Xenoclerus, 14
Xenodosus, 14
Xenorhipis, 21
Xestolmus, 10
Xyleborus, 50
Xylechinus, 50
Xyletinus, 30
Xyloliops, 30
Xylocomesus, 48
Xylomeira, 30
Xyloperthina, 30
Xylopinus, 29
Xyloryctes, 35
Xylosandrus, 50
Xylotrechus, 40
Yarmister, 11, 12
Yermoëlla, 20
Zabrotes, 44
Zacotus, 3
Zenodosus, 14
Zenodusus, 14
Zeugophora, 42
Zezea, 3
Zuphium, 3
Zygogramma, 42
Zygops, 47

